

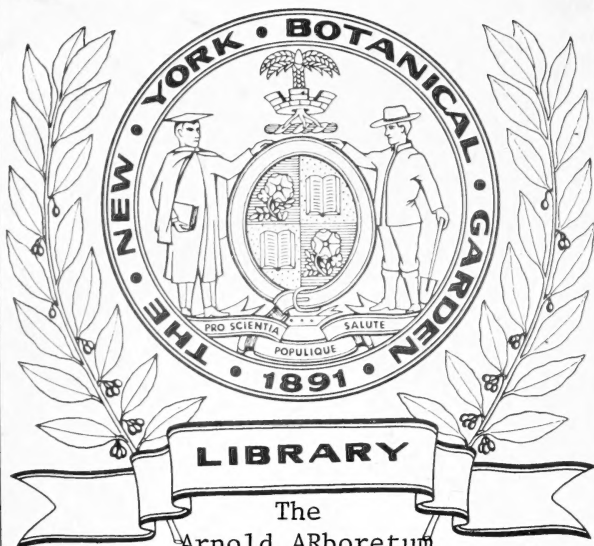
FLORA OF THE NILGIRI
& PULNEY HILL-TOPS



QK349.8

.F9

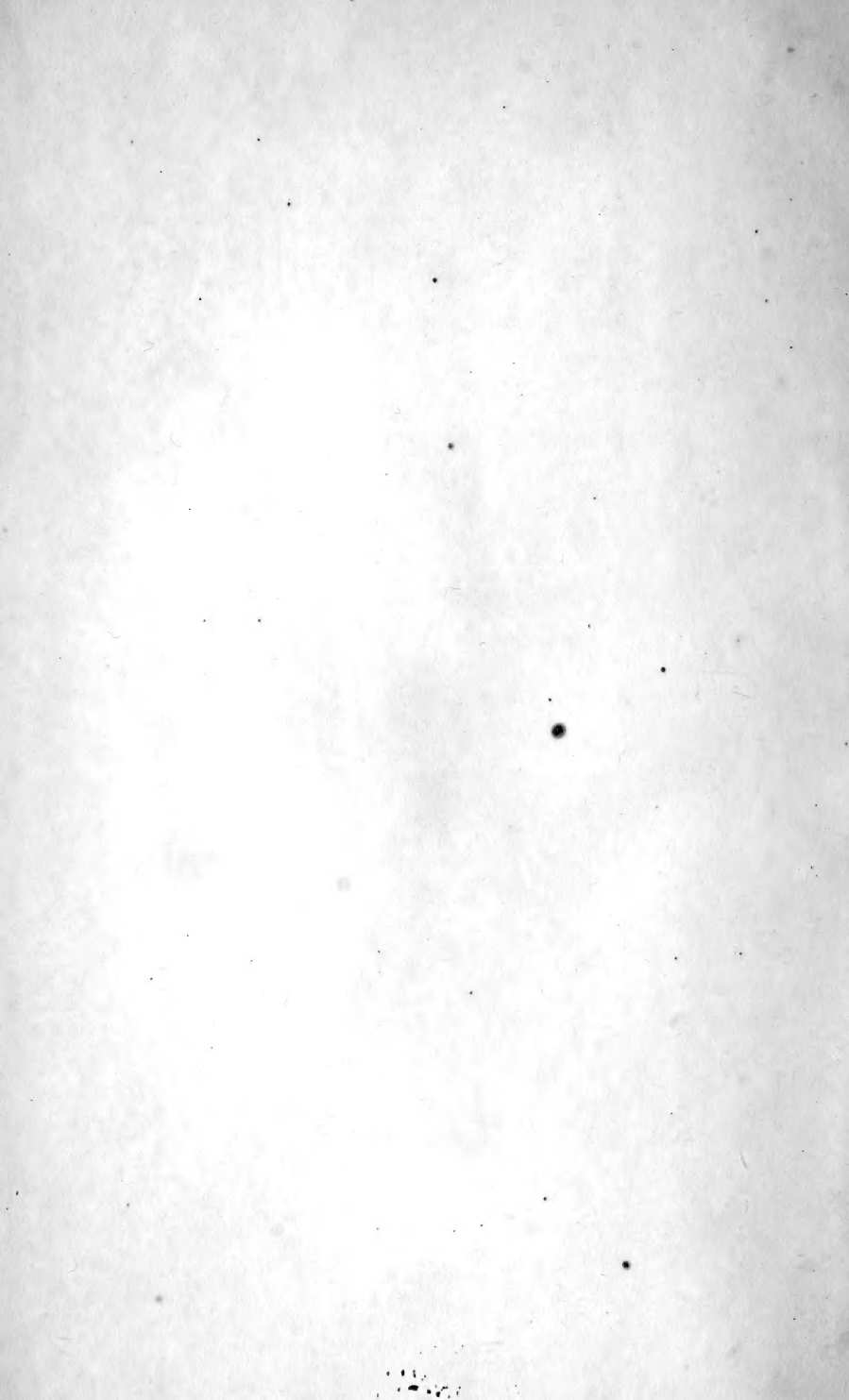
v.2



The
Arnold Arboretum
Purchase
June 1971







#

THE FLORA
OF THE
NILGIRI AND PULNEY HILL-TOPS
(ABOVE 6,500 FEET)

BEING THE
WILD AND COMMONER INTRODUCED FLOWERING
PLANTS

ROUND THE HILL-STATIONS OF
OOTACAMUND, KOTAGIRI AND
KODAIKANAL

With 286 full page illustrations and 4 maps

BY
P. F. FYSON, B.A., F.L.S.,
*Indian Educational Service,
Professor of Botany, Presidency College, Madras.*

VOLUME II.

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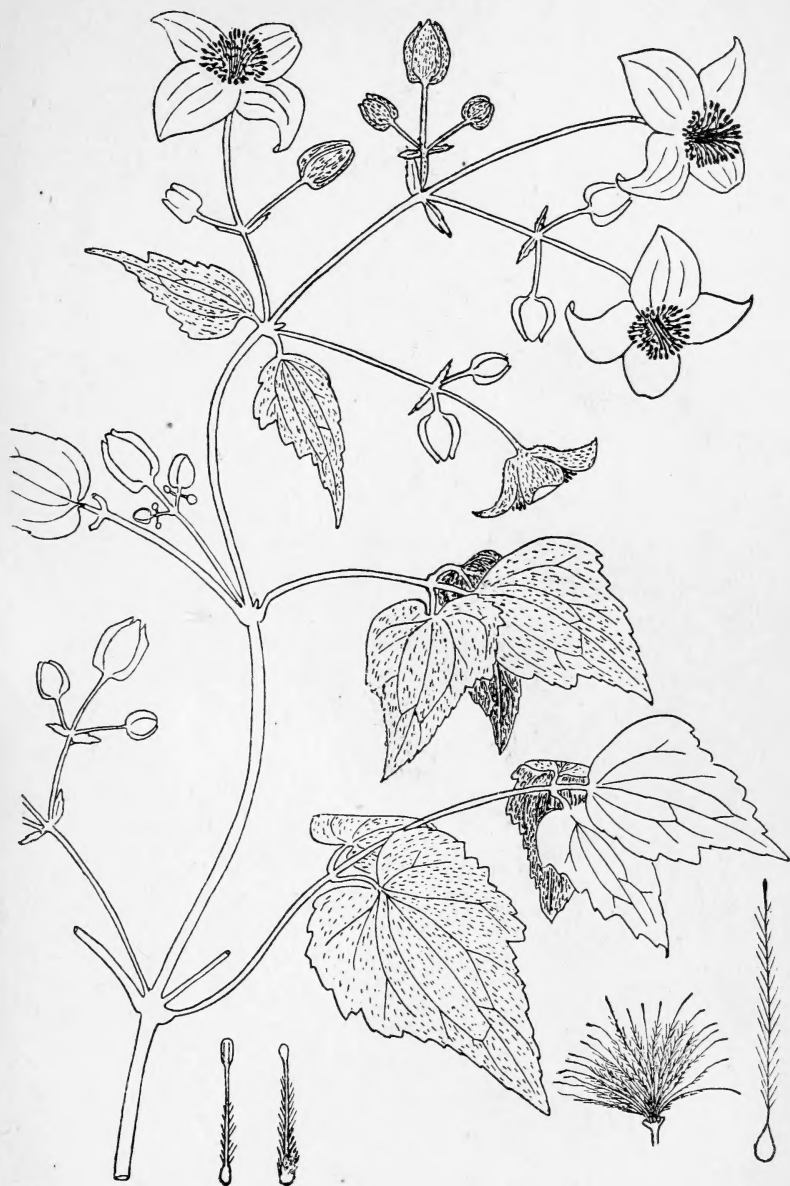
.F9

v. 2

The following have not been acknowledged on the plates.

Lady Bourne [E.T.B.]	... Nos. 84, 196, 225.
Mrs. Harrison [M.F.H.]	... Nos. 88, 174.
Mrs. Patton [E.P.]	... No. 114.
R. Natesan	... Nos. 64, 82, 122, 166, 182, 199, 250.
P. F. Fyson	... No. 69.

RANUNCULACEÆ.



P. F. Fyson.

CLEMATIS WIGHTIANA Wall.

$\frac{1}{2}$ Nar.

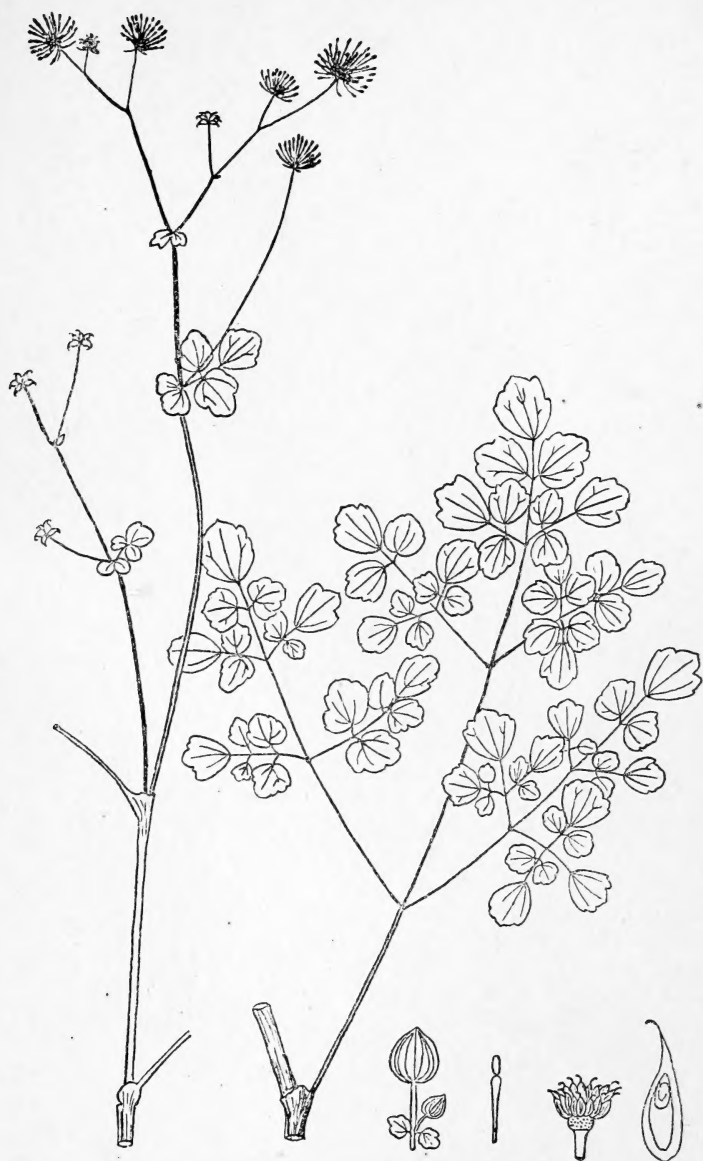
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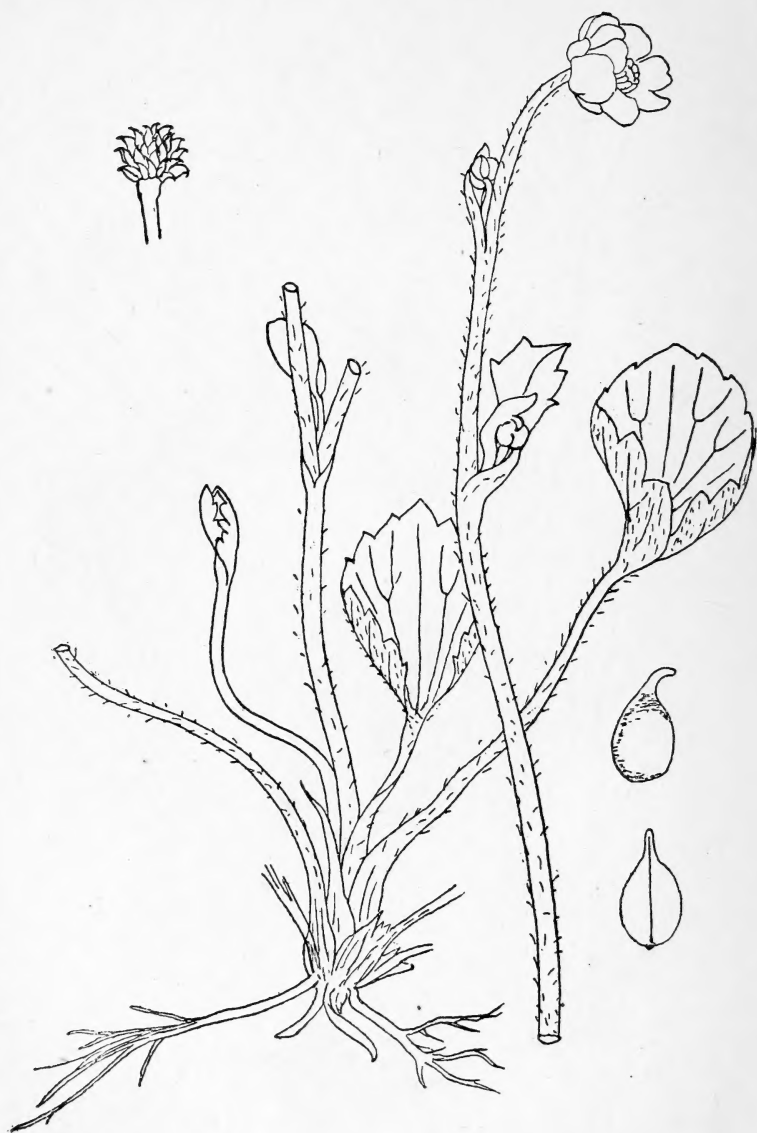
M. F. Harrison. ANEMONE RIVULARIS Ham.

$\frac{1}{2}$ Nat.



P. F. Fyson. THALICTRUM JAVANICUM Blume.

$\frac{1}{2}$ Nat.

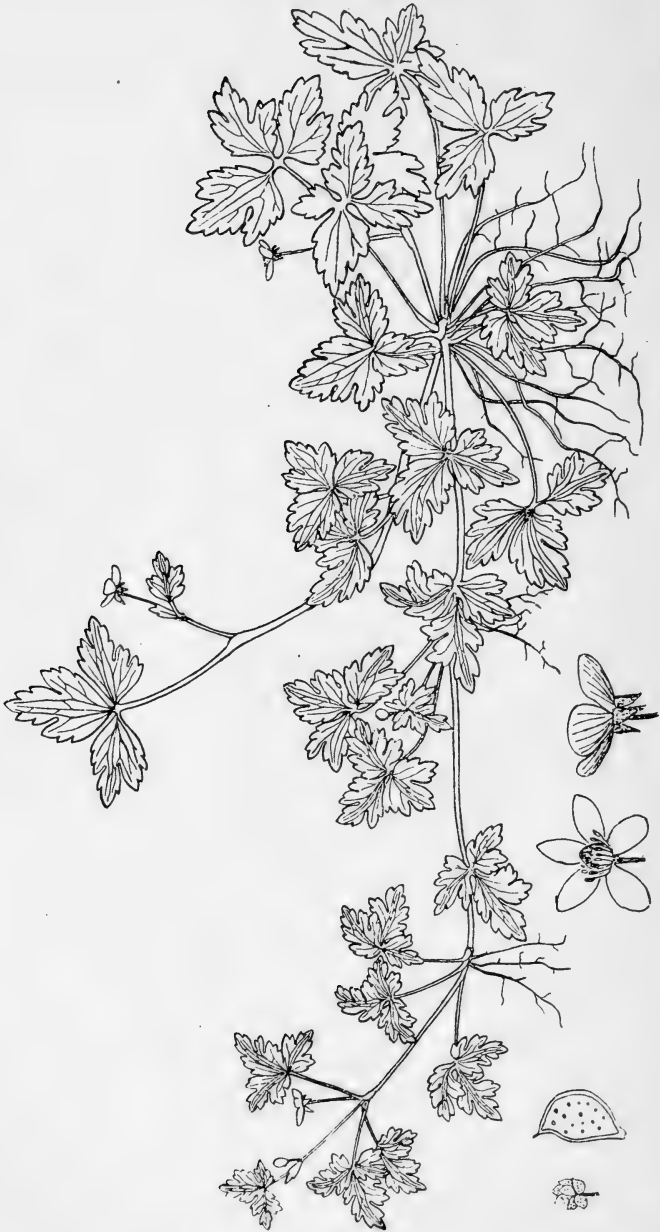


M. F. Harrison. RANUNCULUS RENIFORMIS Wall.

$\frac{1}{2}$ Nat.



R. Natesan. RANUNCULUS SUBPINNATUS W. & A. $\frac{1}{2}$ Nat.



2/3 Nat.

RANUNCULUS WALLICHIANUS W. & A.

R. Natesan.



G. Cruickshank. RANUNCULUS MURICATUS L.

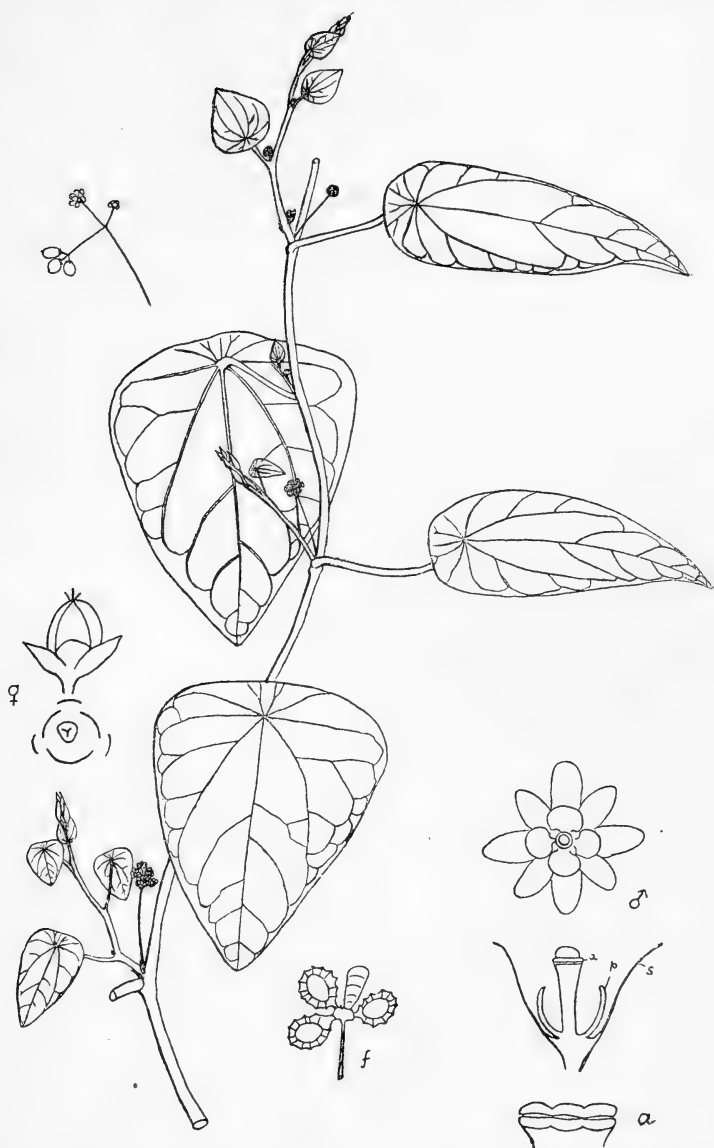
$\frac{3}{4}$ Nat.



P. F. Fyson.

MICHELIA NILAGIRICA *Zenk.*

$\frac{3}{4}$ Nat.



P. F. Fyson. *STEPHANIA HERNANDIFOLIA* Walp.

$\frac{1}{2}$ Nat.





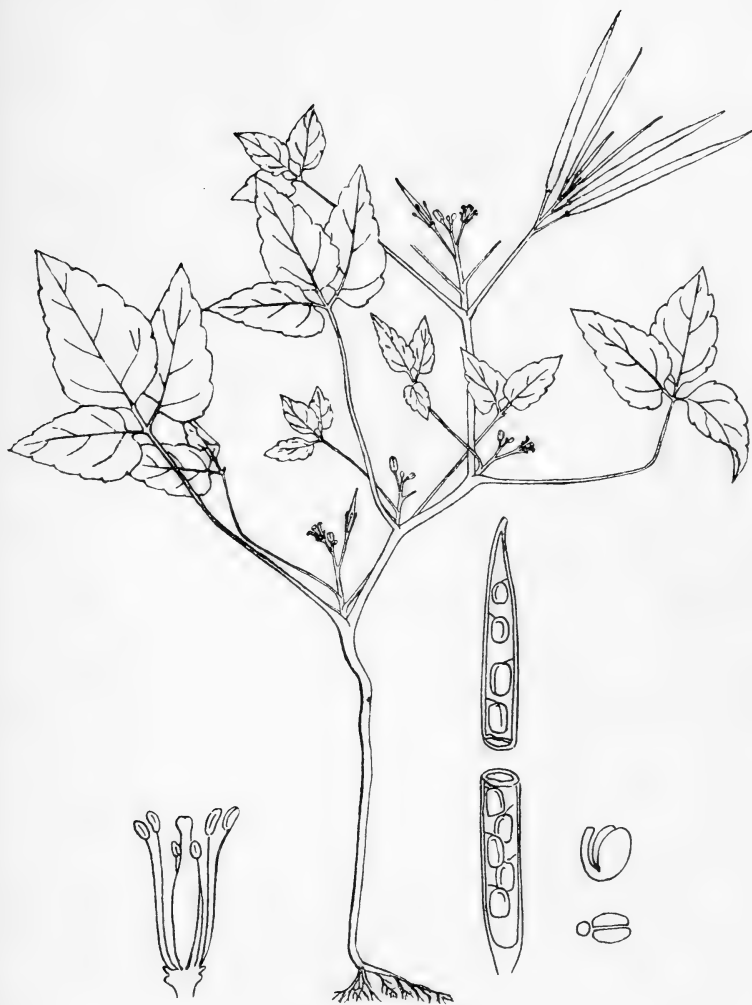
R. Natesan. BERBERIS TINCTORIA *Lesch.*

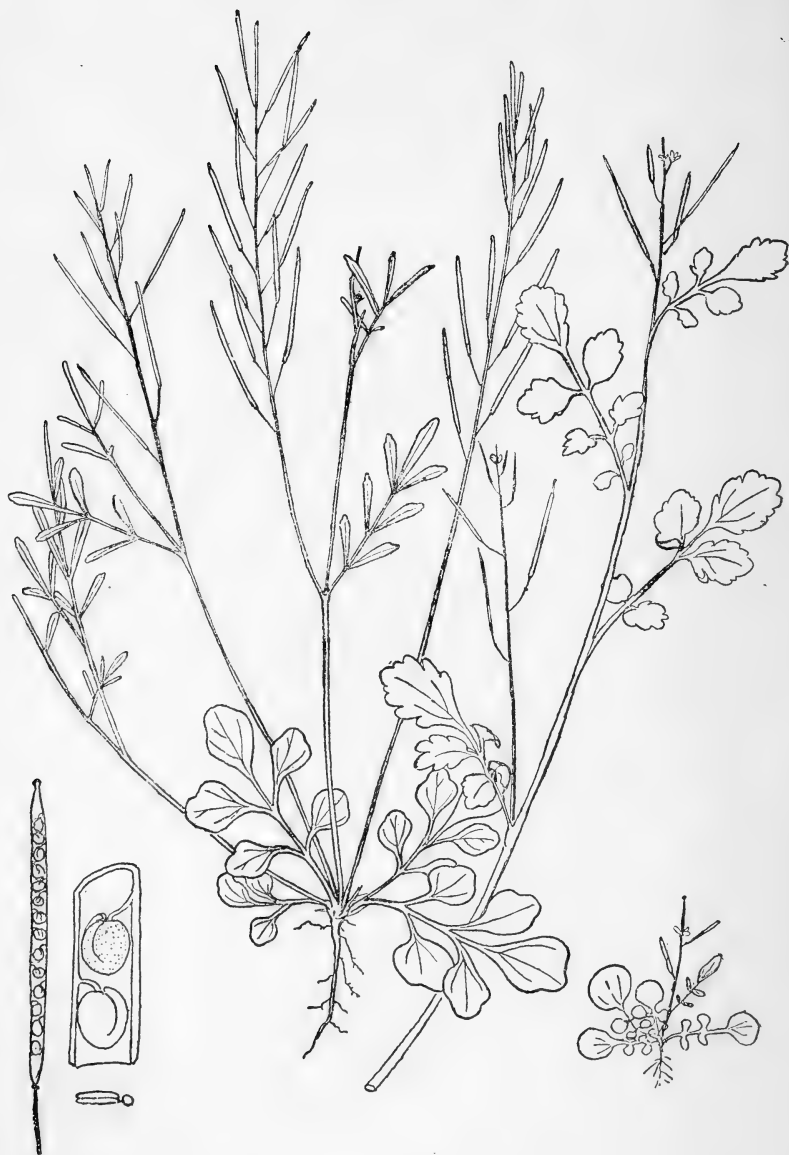
$\frac{1}{2}$ Nat.



P. F. Fyson. MAHONIA LESCHENAULTII Takeda.

$\frac{1}{3}$ Nat.



*P. F. Fyson.*

CARDAMINE HIRSUTA L.

3 Nat



W. Campbell.

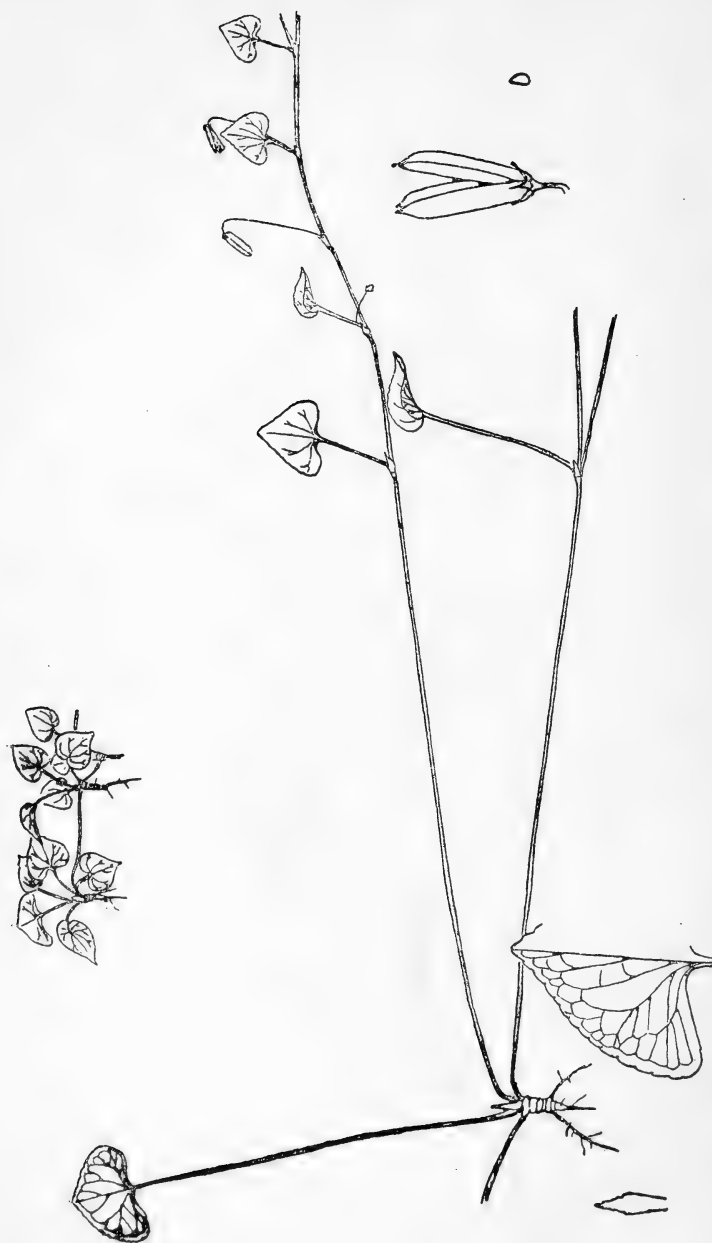
BRASSICA JUNCEA Hf. & T.

$\frac{2}{3}$ Nat.



P. F. Fyson. CAPSELLA BURSA-PASTORIS *Mæench.* Nat. Size.





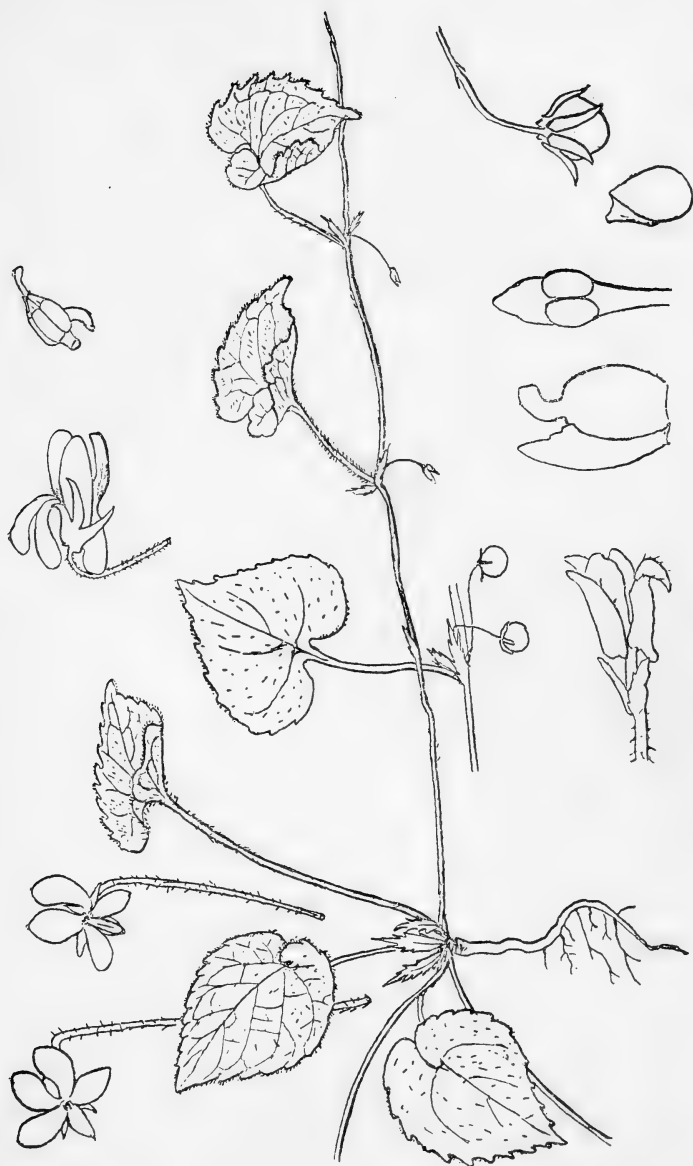
P. F. Fyson.

VIOLA DISTANS Wall. $\frac{1}{2}$ Nat.

Nat.

VIOLA SERPENS Wall.

P. F. Fyson.





P. F. Fyson. PITTOSPORUM TETRASPERMUM W. & A. $\frac{1}{2}$ Nat.



R. Natesan. *POLYGALA ARILLATA* *Hamil.*

$\frac{1}{2}$ Nat.



P. F. Fyson. POLYGALA ROSMARINIFOLIA W. & A. $\frac{2}{3}$ Nat.



½ Nat.

POLYGALA SIBIRICA L.

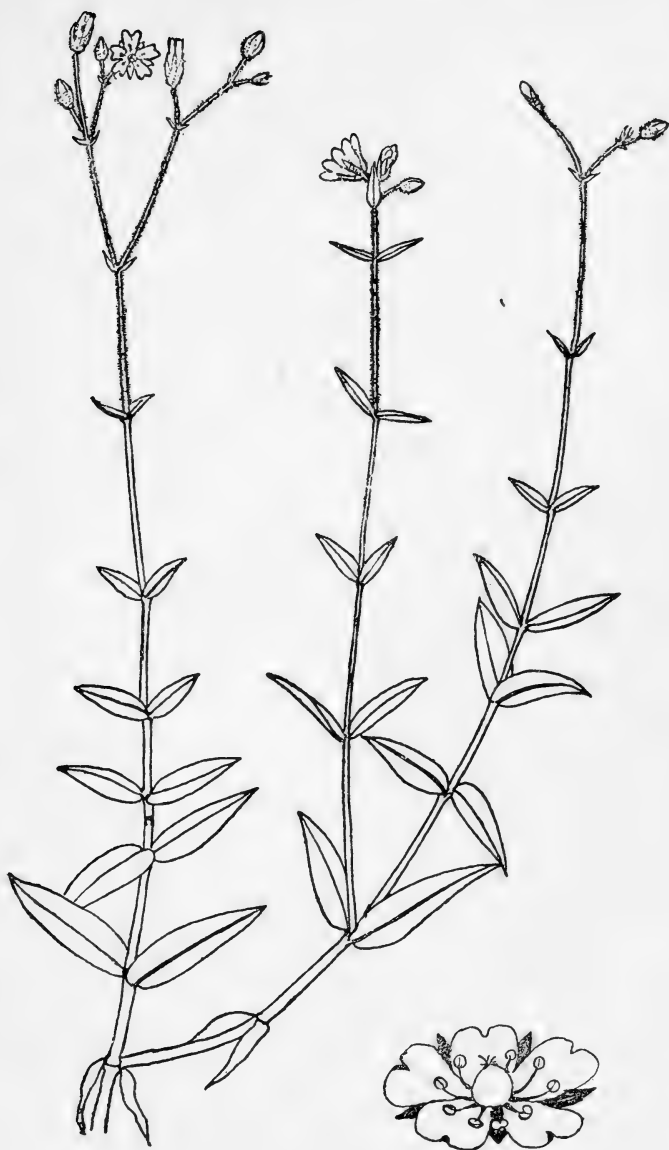
E. T. Bourne.



P. F. Fyson.

SILENE GALLICA L.

$\frac{2}{3}$ Nat.

*R. Natesan.*

CERASTIUM INDICUM W. & A.

Nat. Size.



R. Natesan.

CERASTIUM VULGATUM L.
VAR GLOMERATA.

$\frac{2}{3}$ Nat.

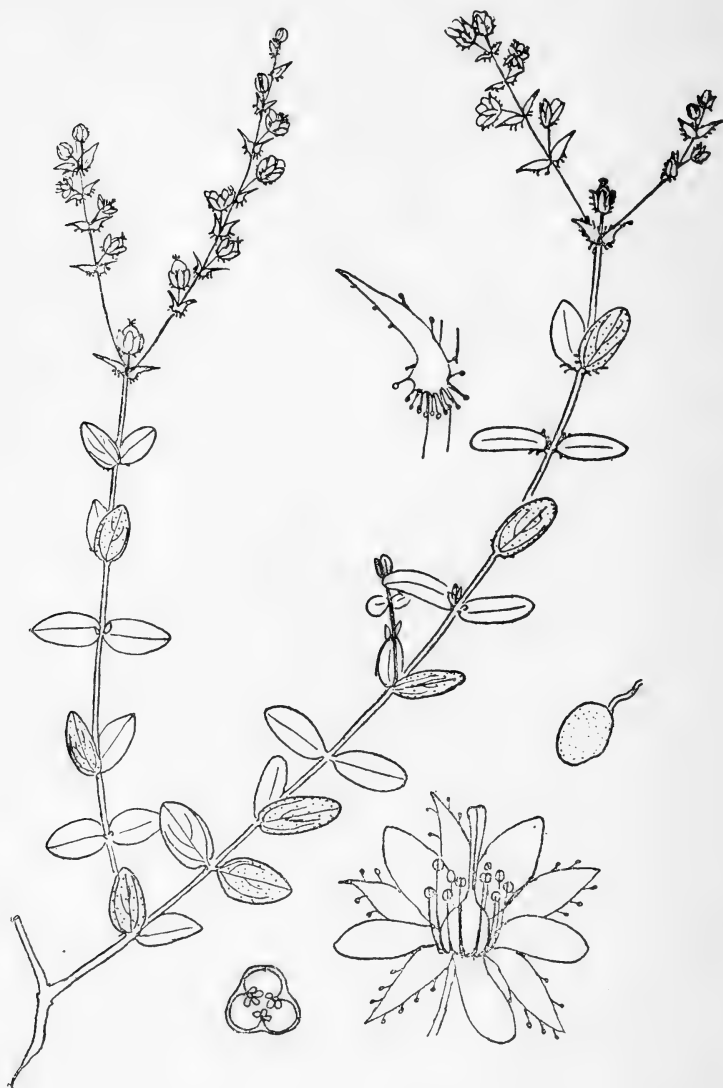
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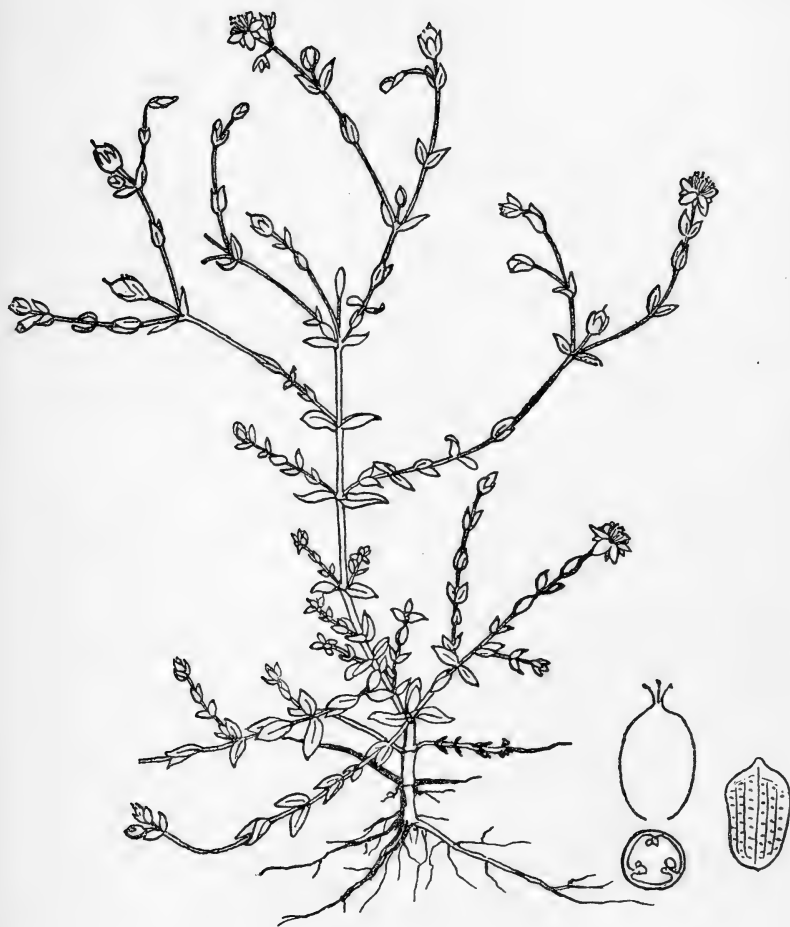
SPERGULA ARVENSIS L.

 $\frac{2}{3}$ Nat.











R, Natesan. TERNSTRÆMIA JAPONICA Thunb.



R. Natesan.

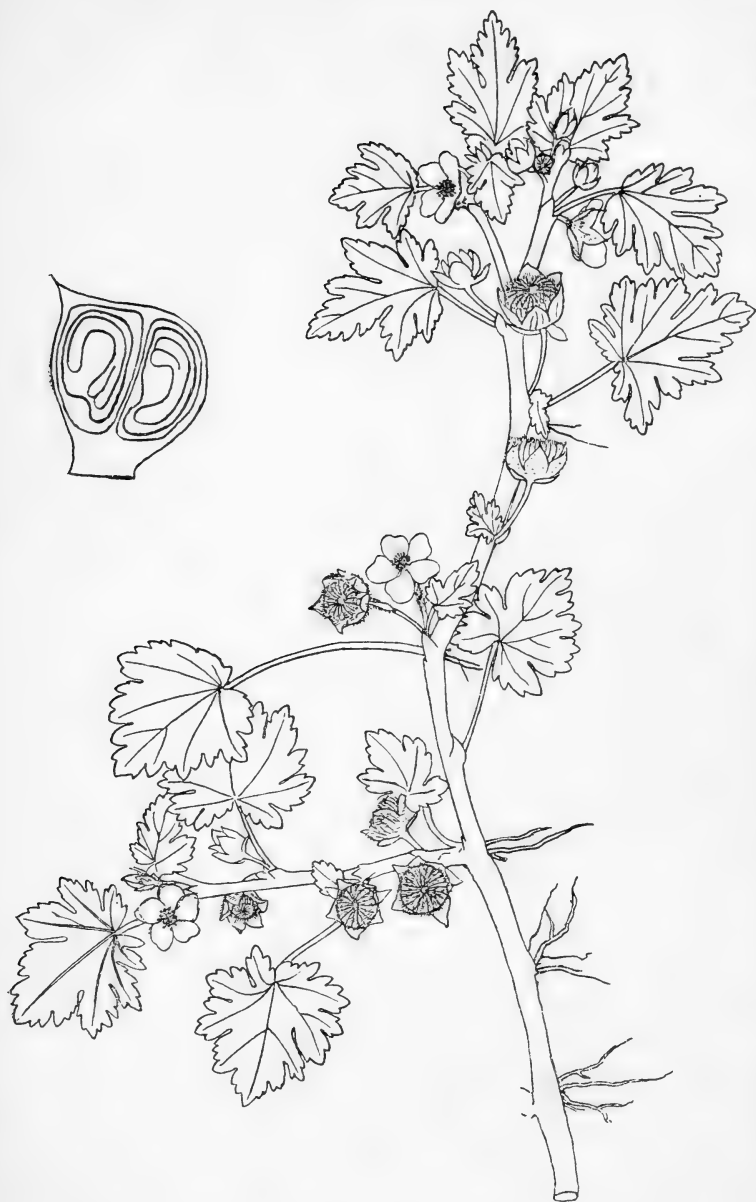
EURYA JAPONICA Thunb

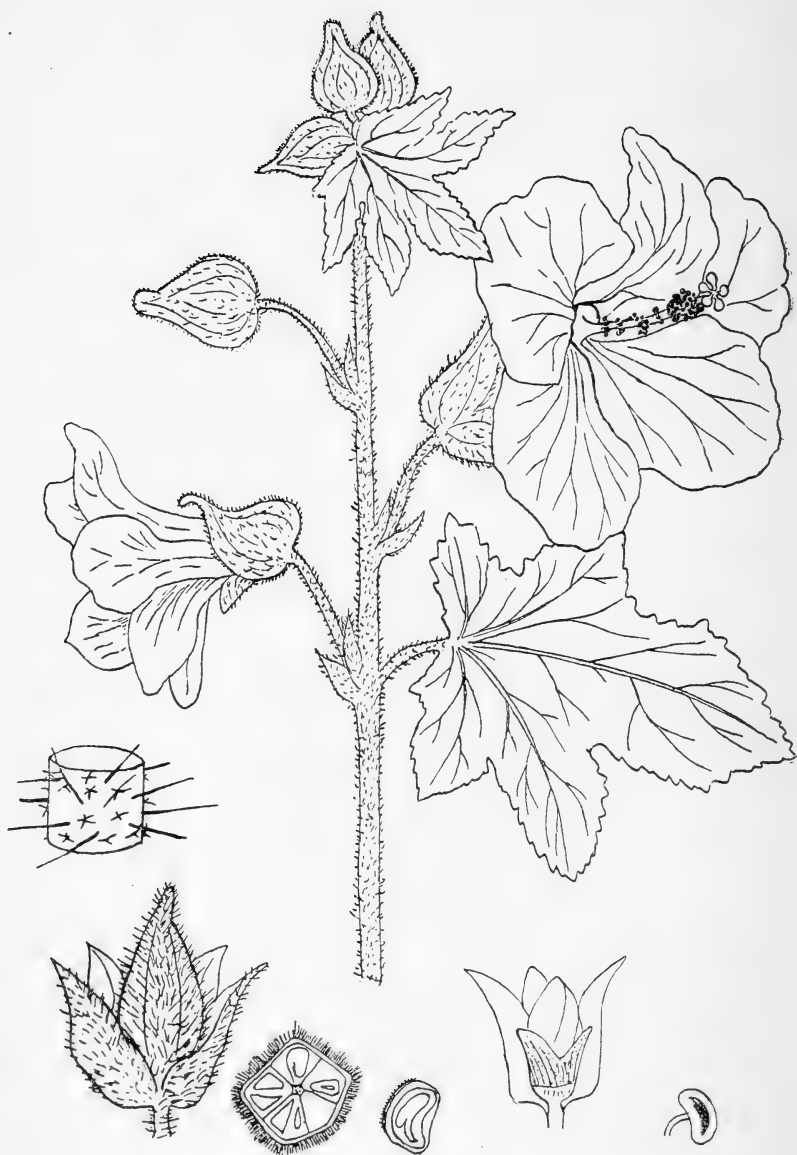
$\frac{1}{2}$ Nat.

*R. Natesan.*

GORDONIA OBTUSA Wall.

 $\frac{2}{3}$ Nat.

*MODIOLA CAROLINIANA* L.*R. Natesan.*



N. Rowson. HIBISCUS ANGULOSUS Mast.

$\frac{1}{2}$ Nat.



P. F. Fyson. ELÆOCARPUS OBLONGUS *Gærtn.*

$\frac{2}{3}$ Nat.


 $\frac{1}{2}$ Nat.

ELÆOCARPUS FERRUGINEUS Wt.

R. Natesan.

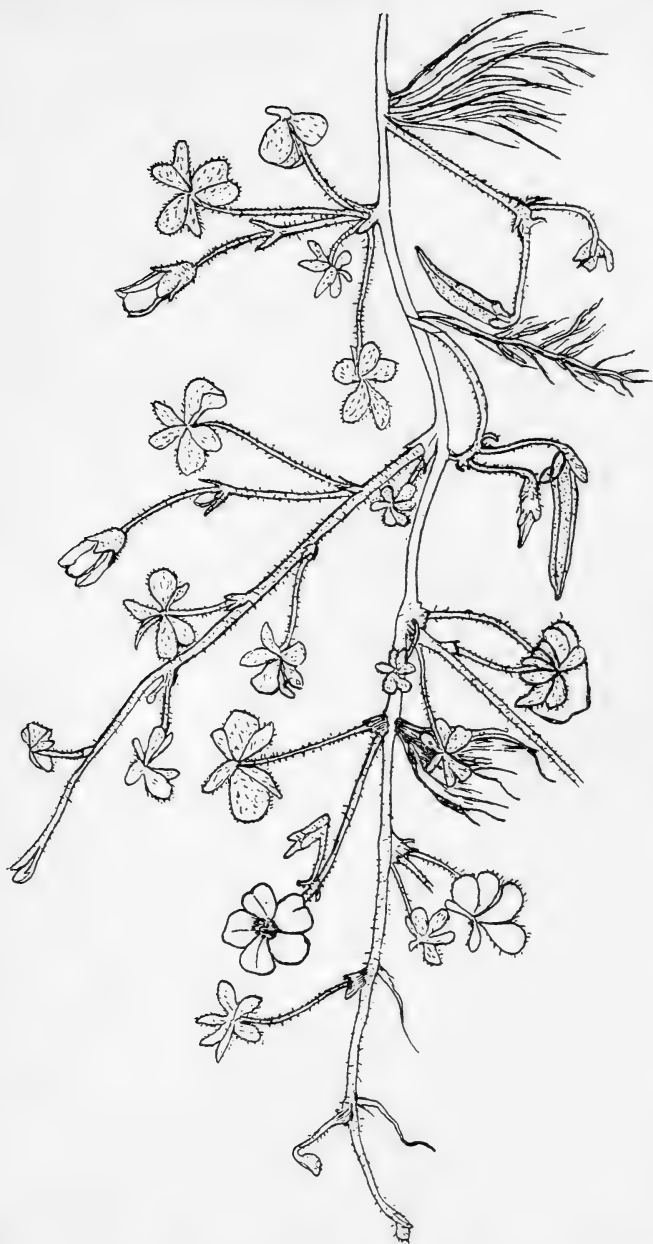




Nat. Size.

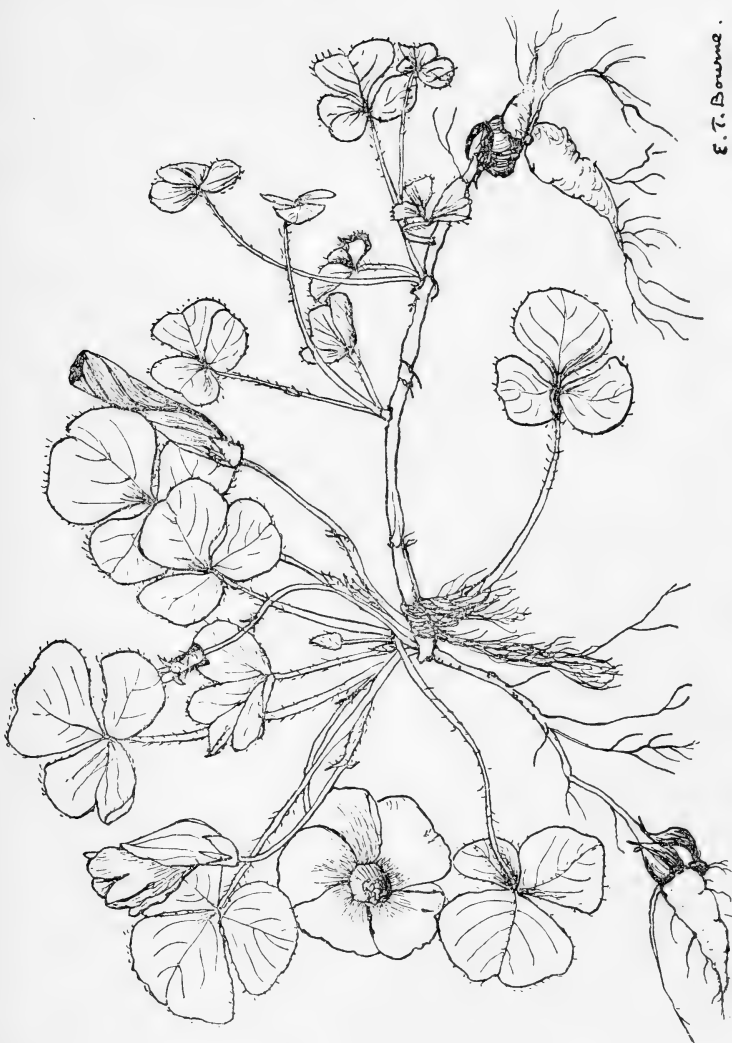
OXALIS CORNICULATA L.

E. T. Bourne.



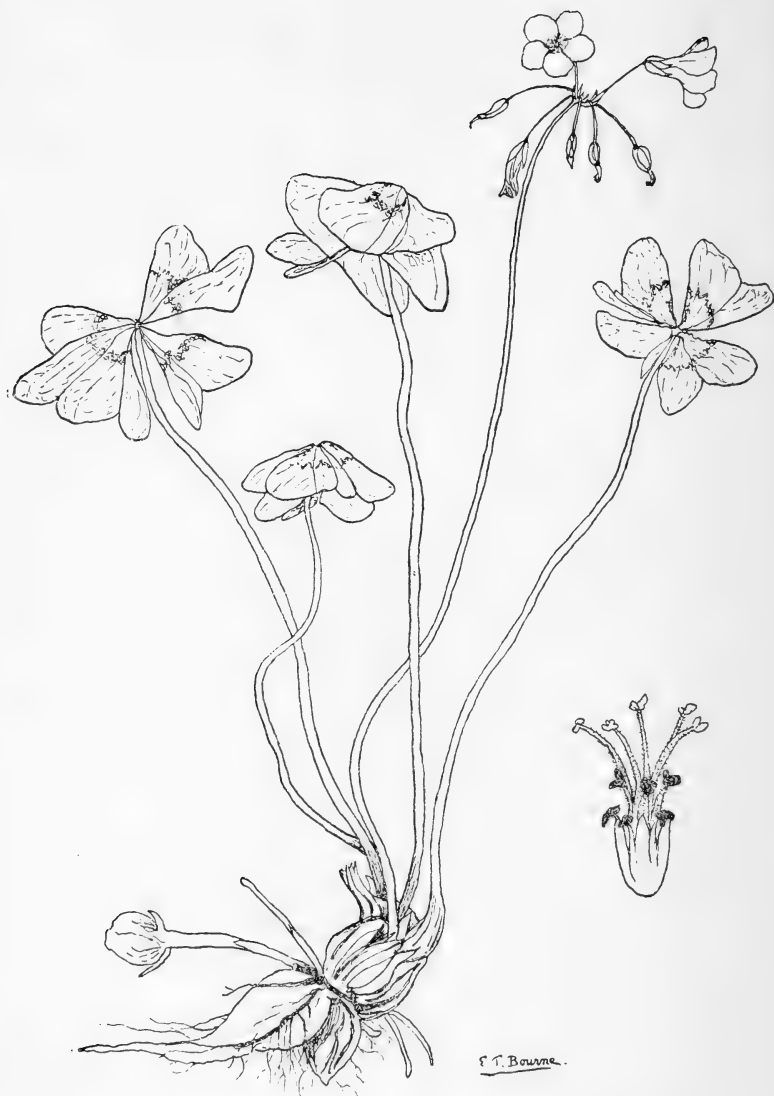


OXALIS PUBESCENS H.B.&K.

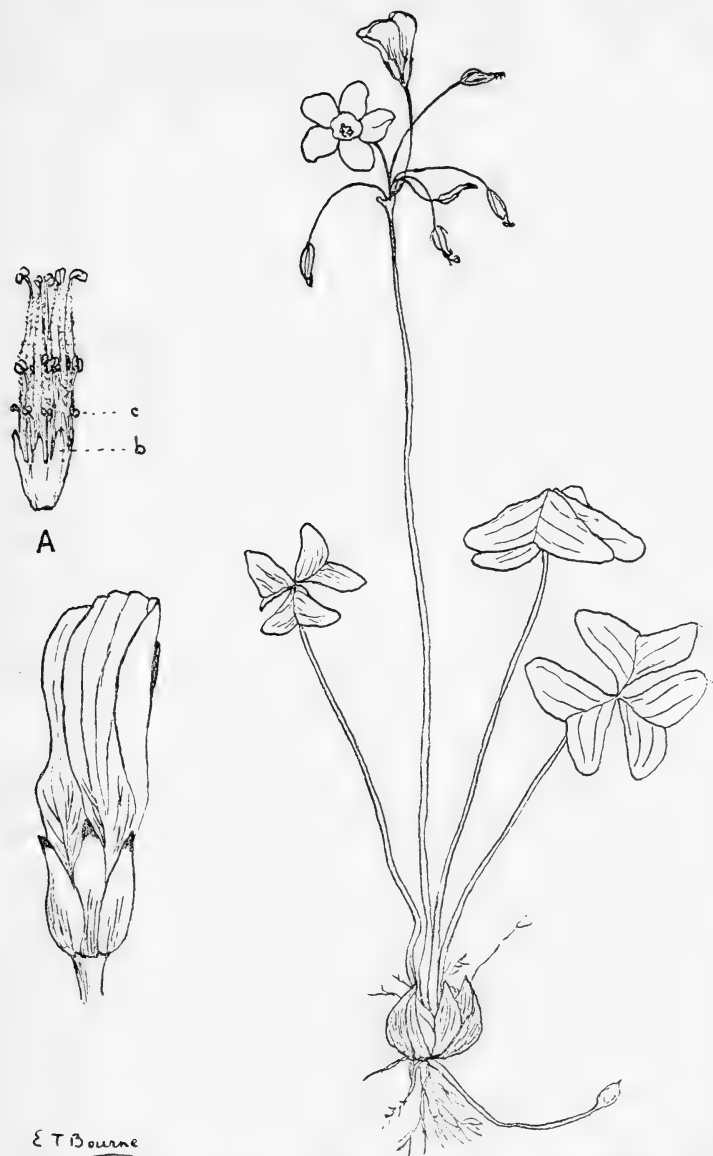


E. T. Bourne.

OXALIS VARIABILIS Lindl.



OXALIS TETRAPHYLLA Car.



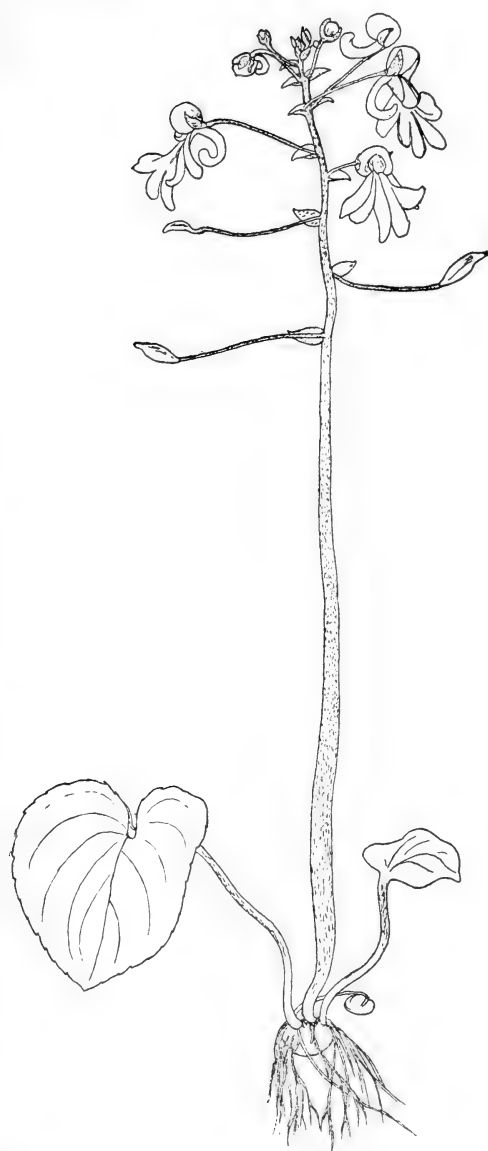
E. T. Bourne

OXALIS LATIFOLIA H.B. & K.



Nora Bourne

OXALIS PES CAPRÆ L.

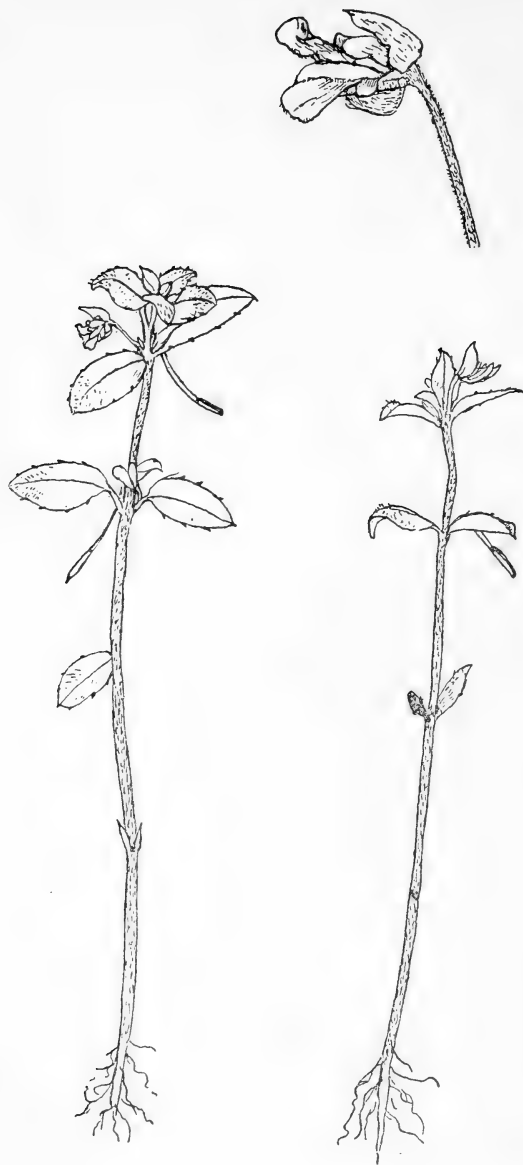






A. Lawley.

IMPATIENS CHINENSIS L



E. T. Bourn. *IMPATIENS INCONSPICUA* *Benth.*





PEF

IMPATIENS TOMENTOSA

Hayne 5N



E.T. Bourne del . IMPATIENS LESCHENAULTII Wall.

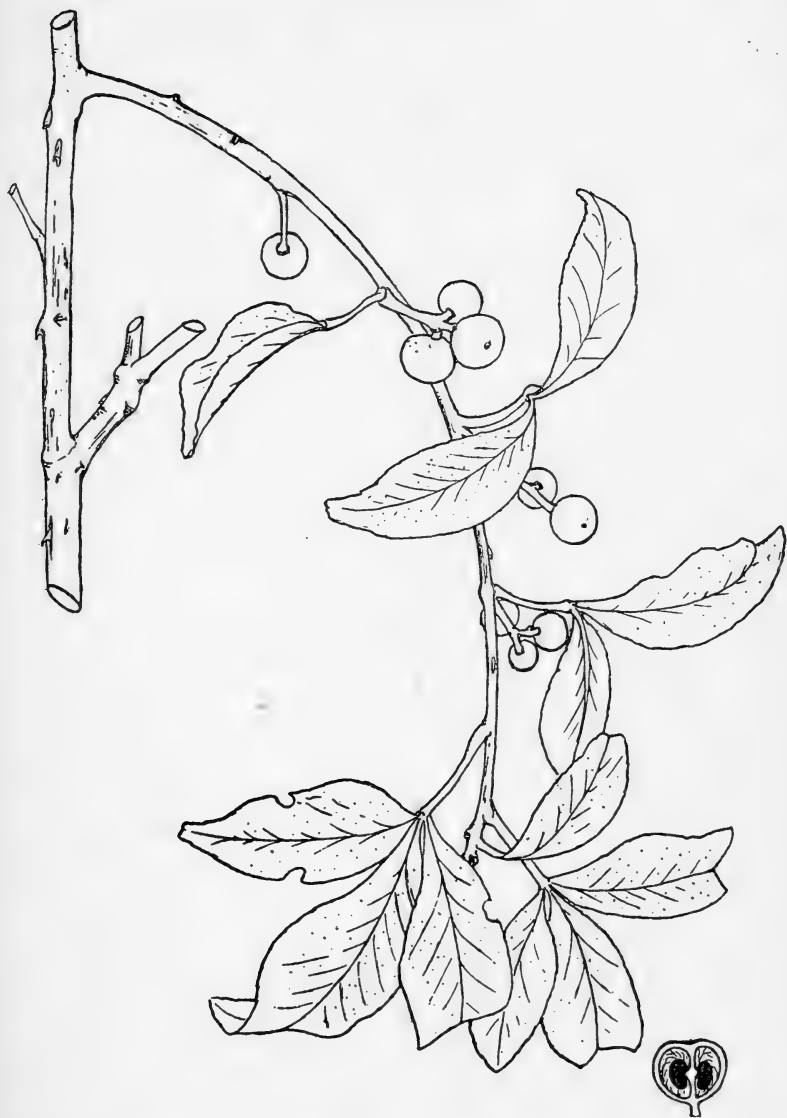




After Wight.

IMPATIENS GOUGHII Wight.

*D. R. F., 1880**IMPATIENS PHŒNICEA Bedd*



M. F. Harrison. *TODDALIA ACULEATA Pers.*



P. F. Fyson

MAPPIA FŒTIDA

Miers



R. Natesan

ILEX WIGHTIANA

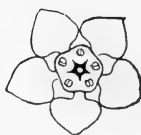
Walt



291

R. Nateson

EUONYMUS CRENULATUS



Wall



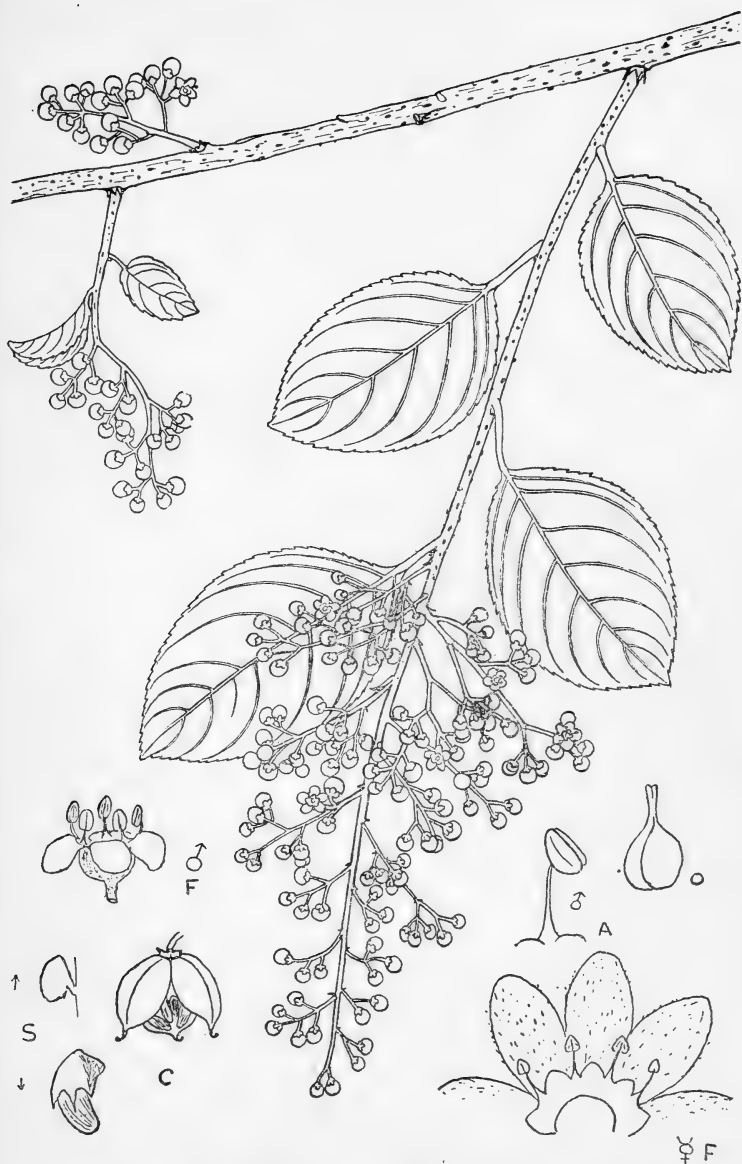
Nabesari

MICROTROPIS RAMIFLORA Wight.



P. G. Donnell

MICROTROPIS OVALIFOLIA Wt.

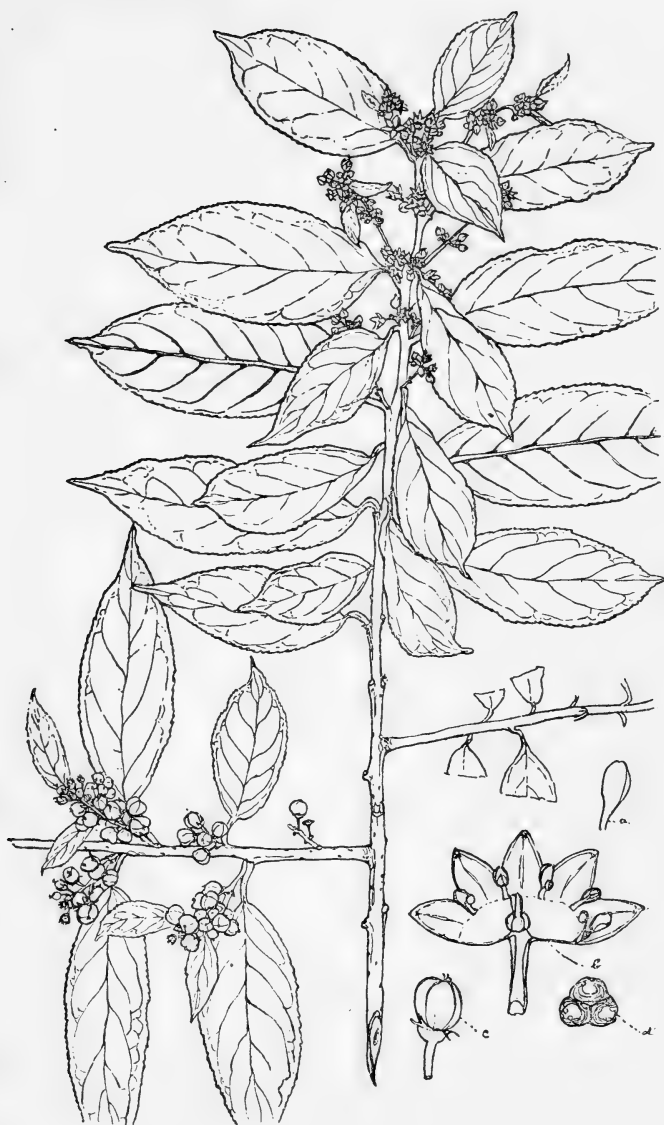


CELASTRUS

PANICULATA

Willd.

RHAMNUS VIRGATUS *Roxb.*

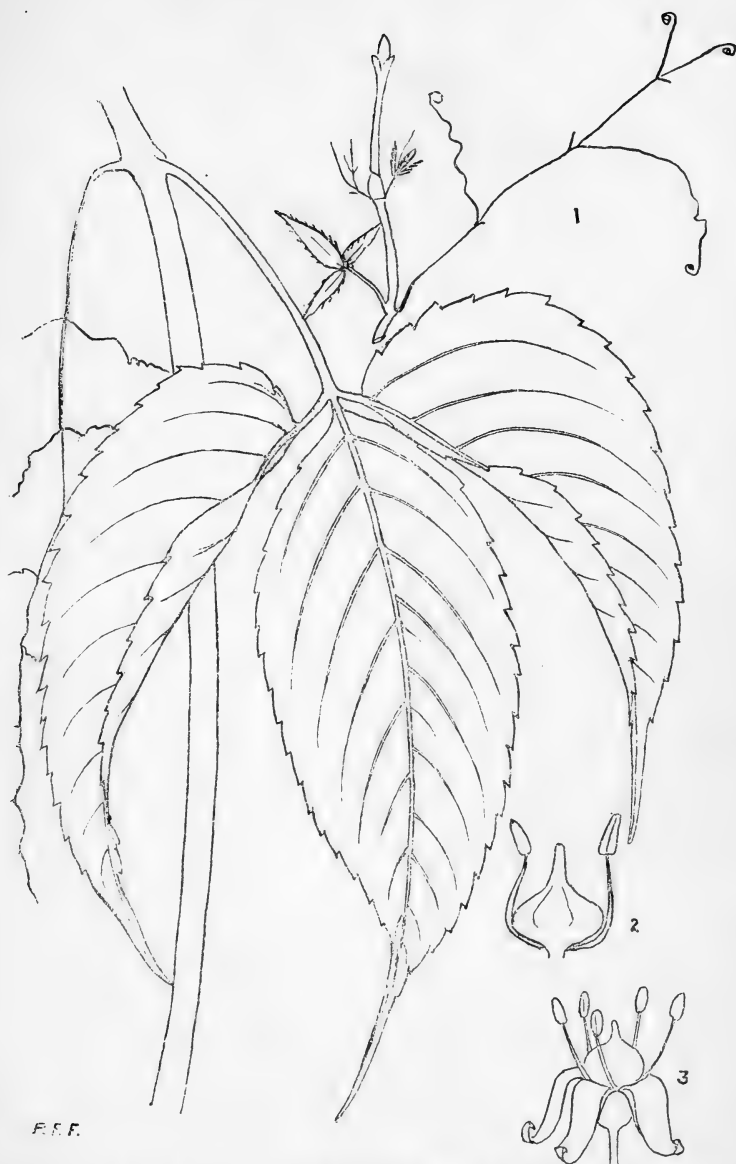


E. T. Bourne.

RHAMNUS WIGHTII W. & A.

*R. Natesan.*

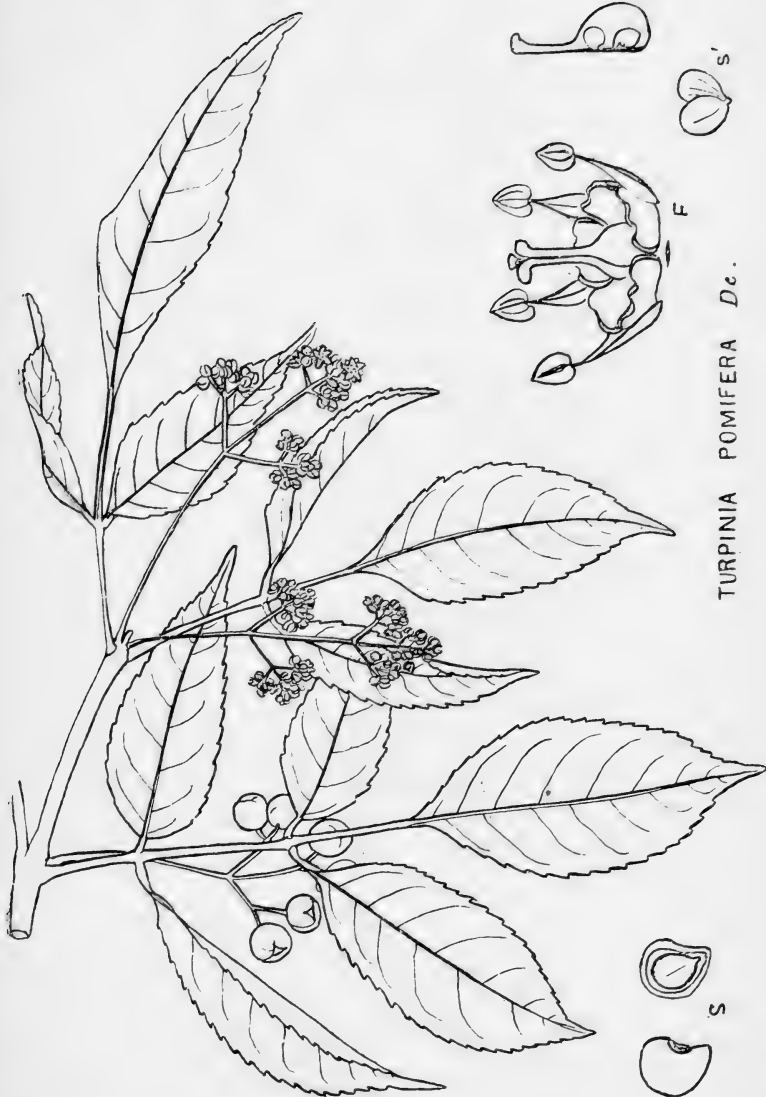
POMADERRIS LANIGERA Sims.



FFF.

VITIS ANAMALAYANA Bodd

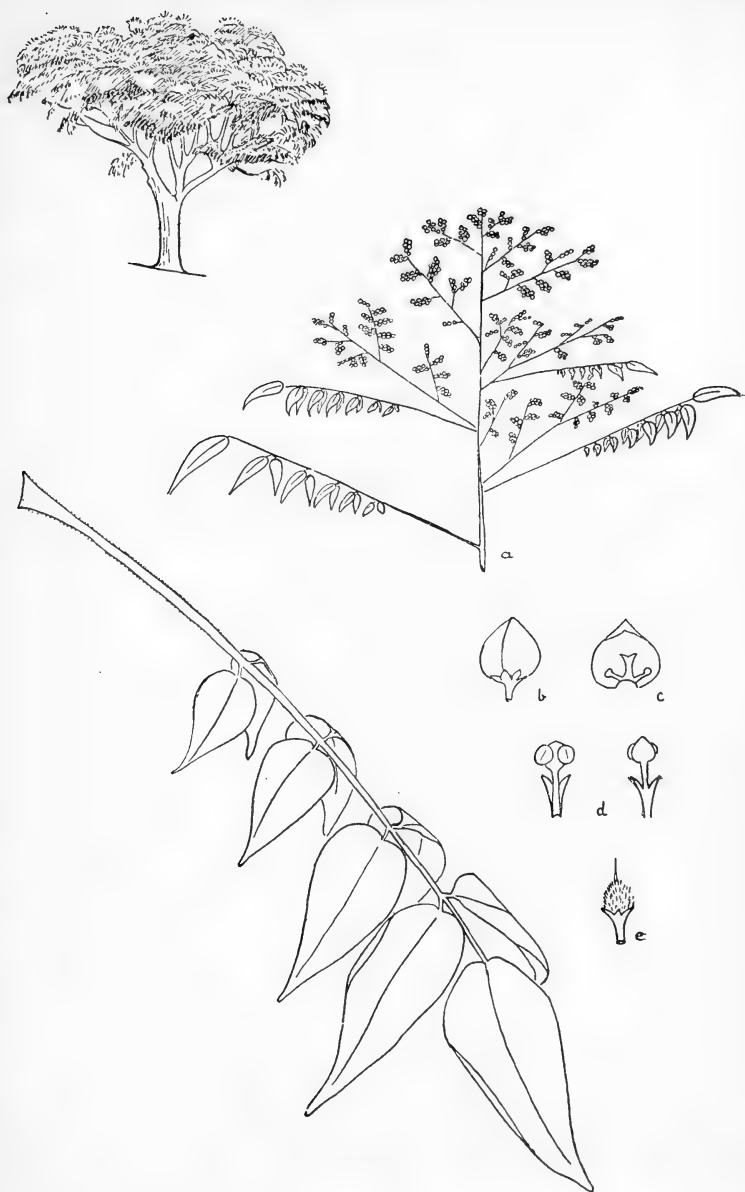




TURPINIA POMIFERA Dc.



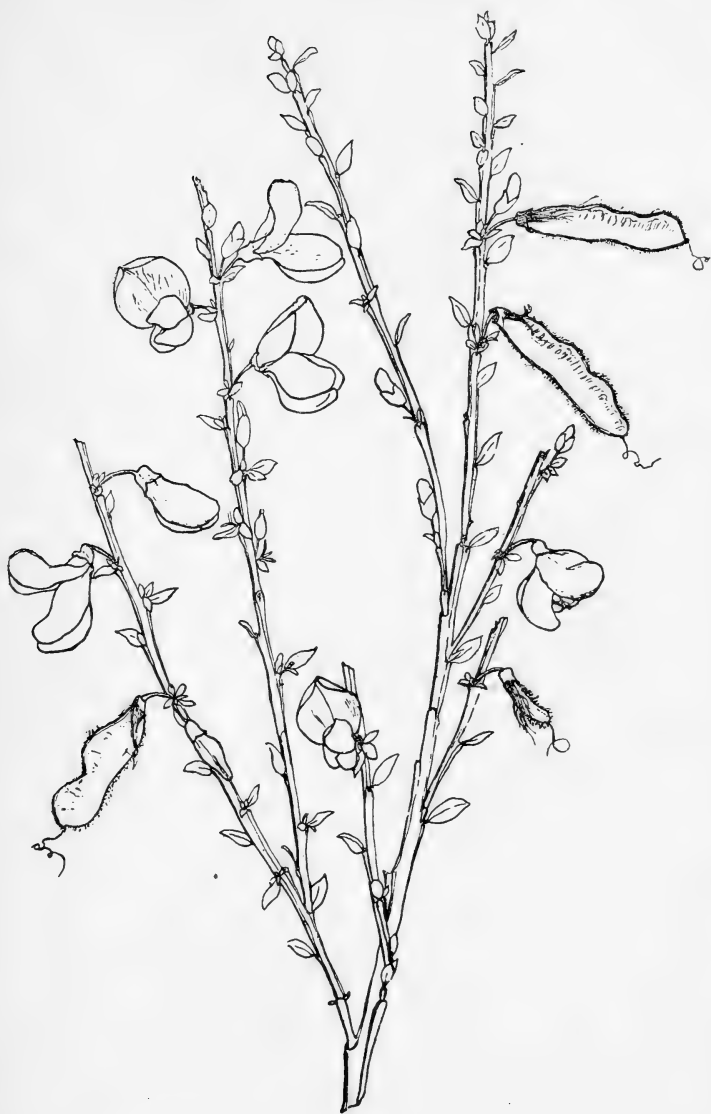
R. Natesan. *MELIOSMA WIGHTII* *Planch.*

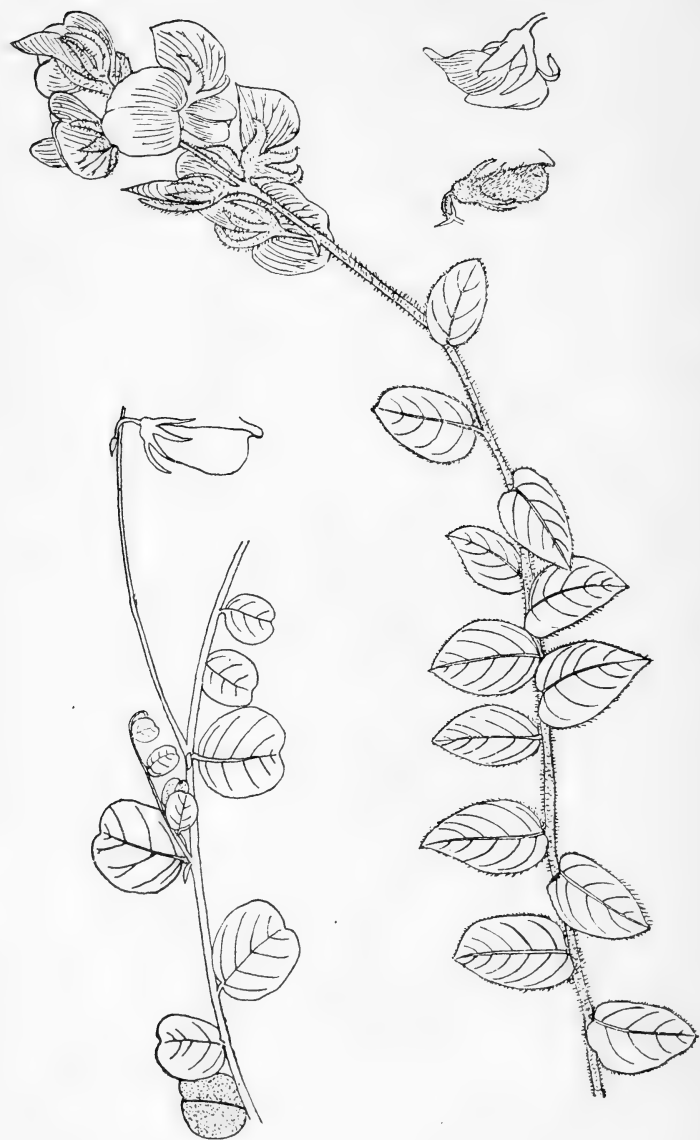




M. F. Harrison.

ULEX EUROPÆUS L.





CROTALARIA FYSONI Dunn



CROTALARIA OVALIFOLIA Wall.



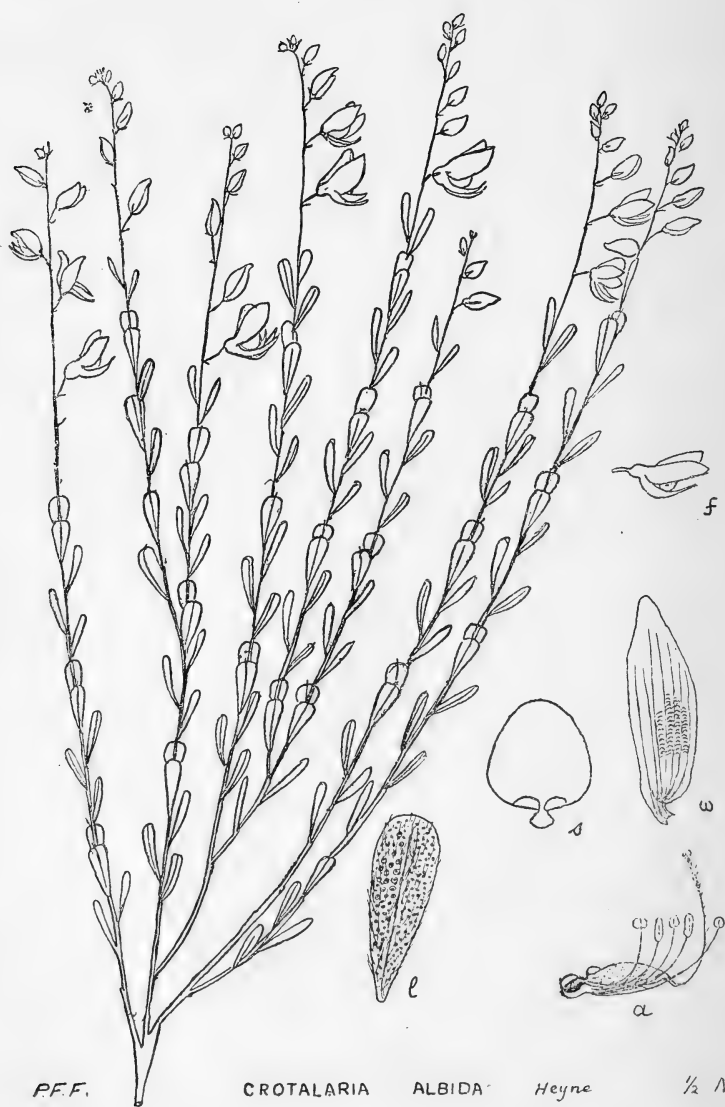
Fyson

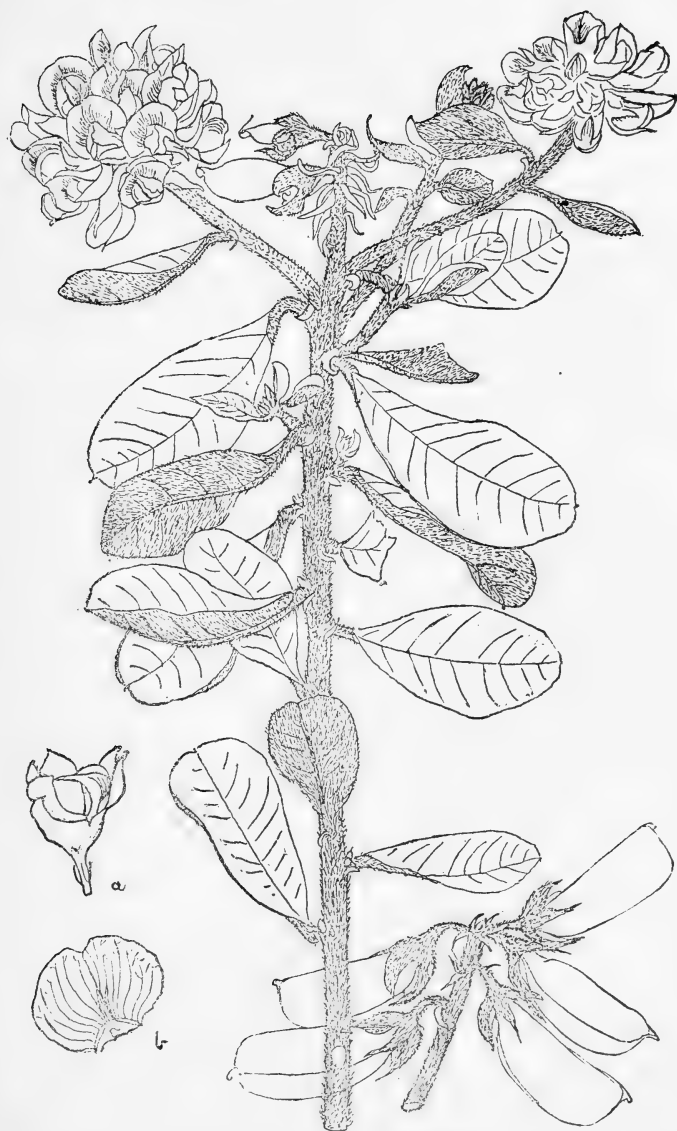
CROTALARIA-BOURNEI

D. R. Fyson



CROTALARIA SCABRELLA W & A.





ET *Burne*

CROTALARIA FORMOSA *Graham*

*D. R. Fyson*

CROTALARIA BARBATA

Graham



E. T. Bourne. CROTALARIA SEMPERFLORENS *Vent.*



CROTALARIA MADURENSIS Wt

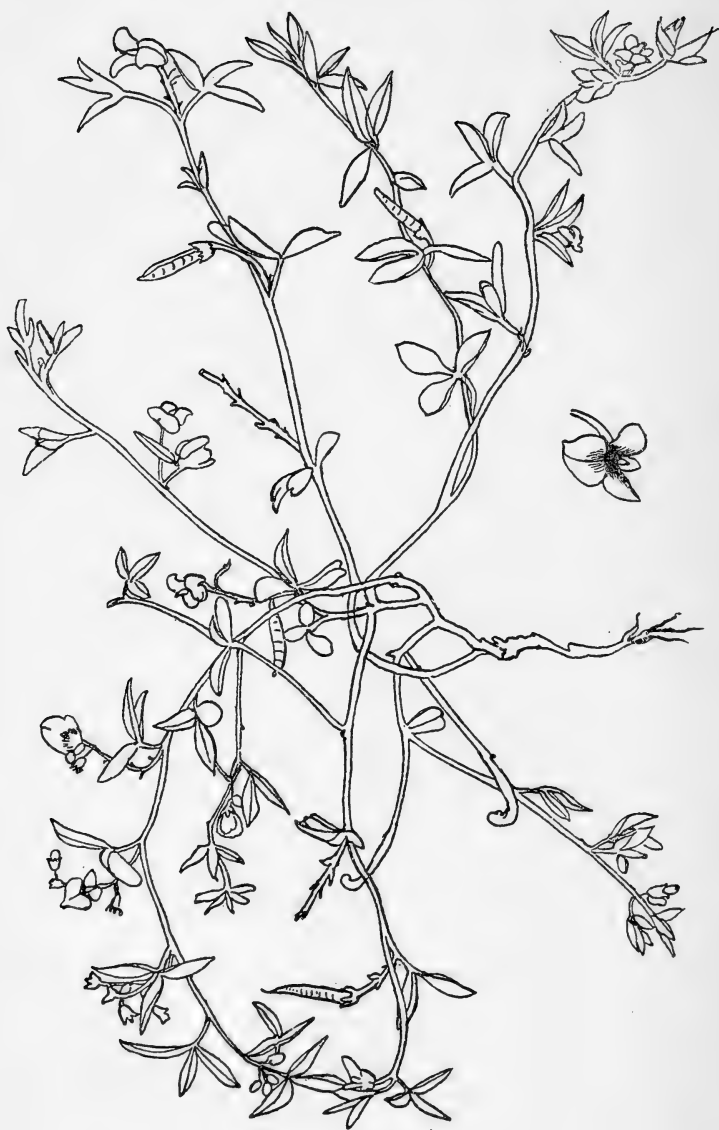


D.C. Hammett

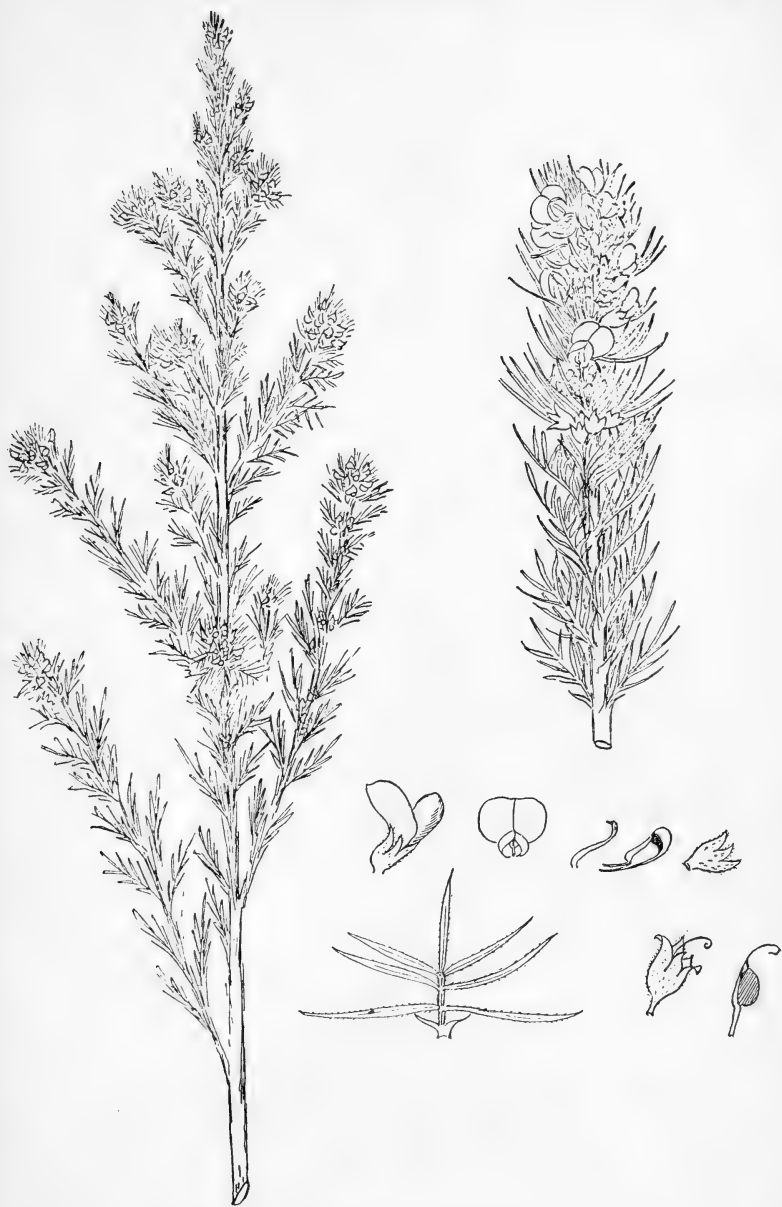
PAROCHETUS

COMMUNIS

Hamilton.



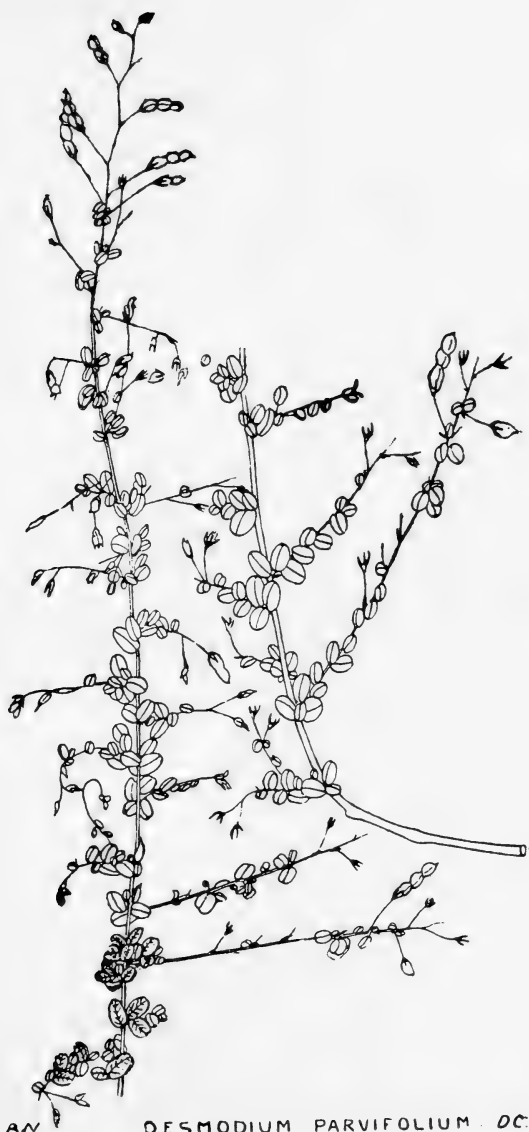
INDIGOFERA PEDICELLATA W. & A.



M. F. Harrison.

PSORALEA PINNATA.





AN

DESMODIUM PARVIFOLIUM. DC.

VICIA SATIVA *Linn.*



*R. Natesan.*SOPHORA GLAUCA *Lesch.*



E. T. Bourne.

CASSIA LÆVIGATA Willd.

*M. Henman.*CASSIA TOMENTOSA *Linn.*



M. F. Harrison. ACACIA MELANOXYLON *R. Br.*

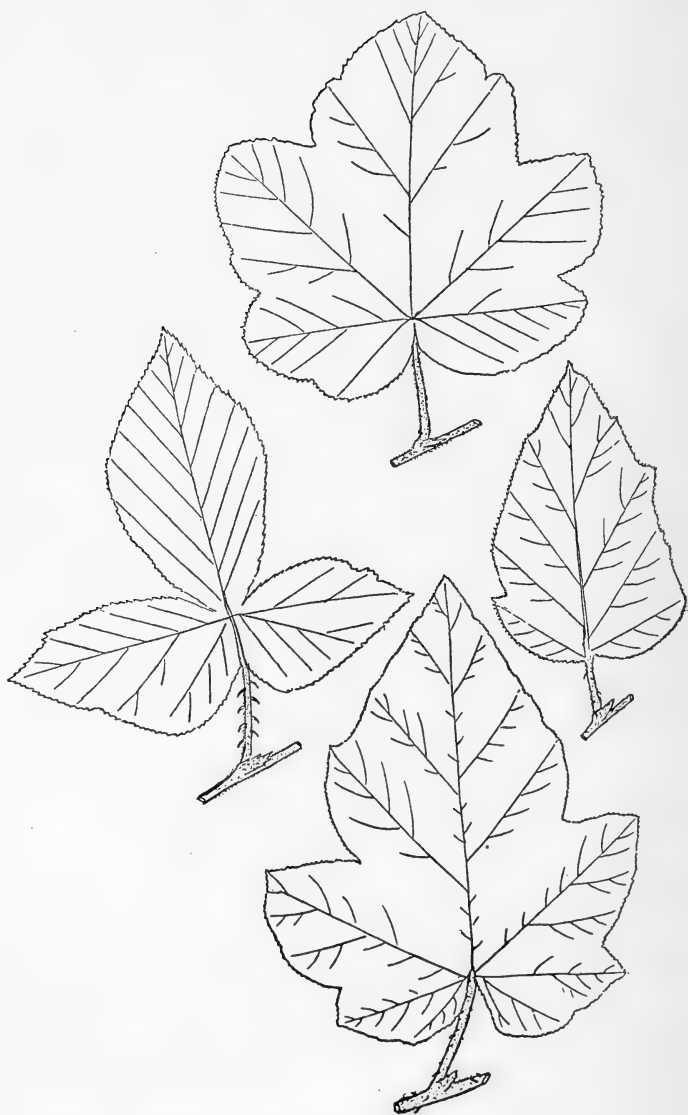


E. T. Bourne.

ACACIA DEALBATA Link.



PRINSEPIA UTILIS *Royle*



P.F. Fyson. RUBUS MOLUCCANUS L.

3/8 Nat



RUBUS RACEMOSUS Roxb.

*Nora Rowson*

FRAGARIA

INDICA

Andr



FRAGARIA NILGERRENSIS Schltdl.

*R. Natesan.*

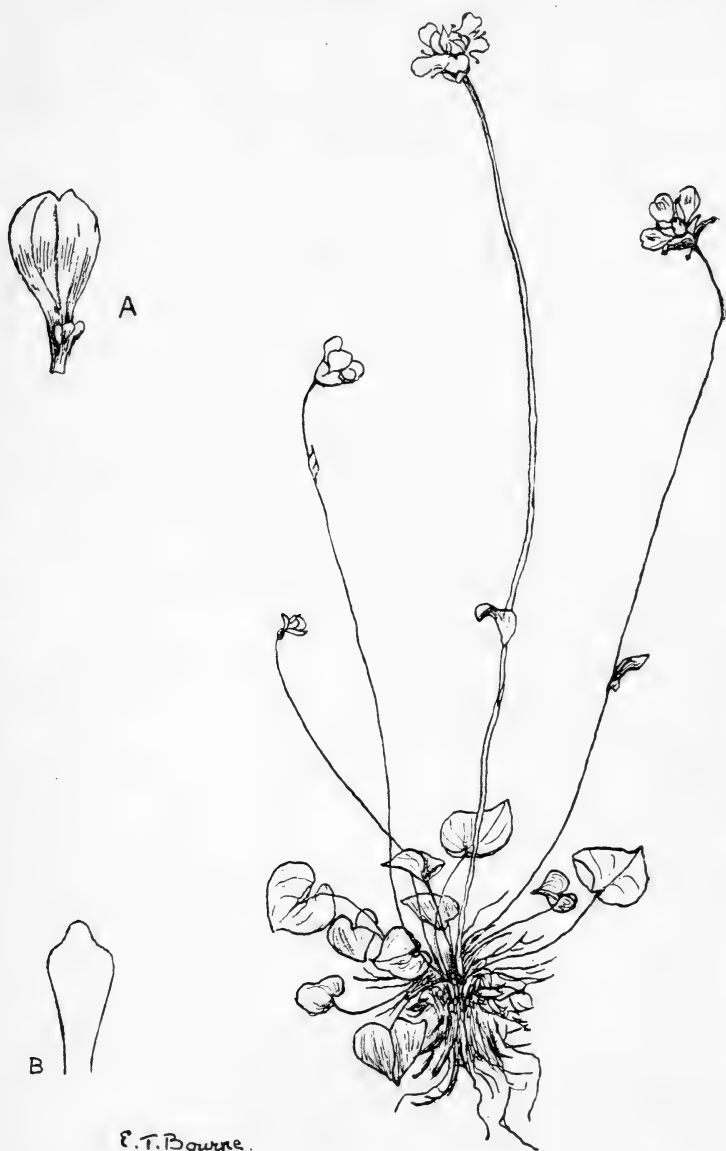
POTENTILLA LESCHENAUULTIANA Ser.



ROSA LESCHENAUULTIANA W&A.

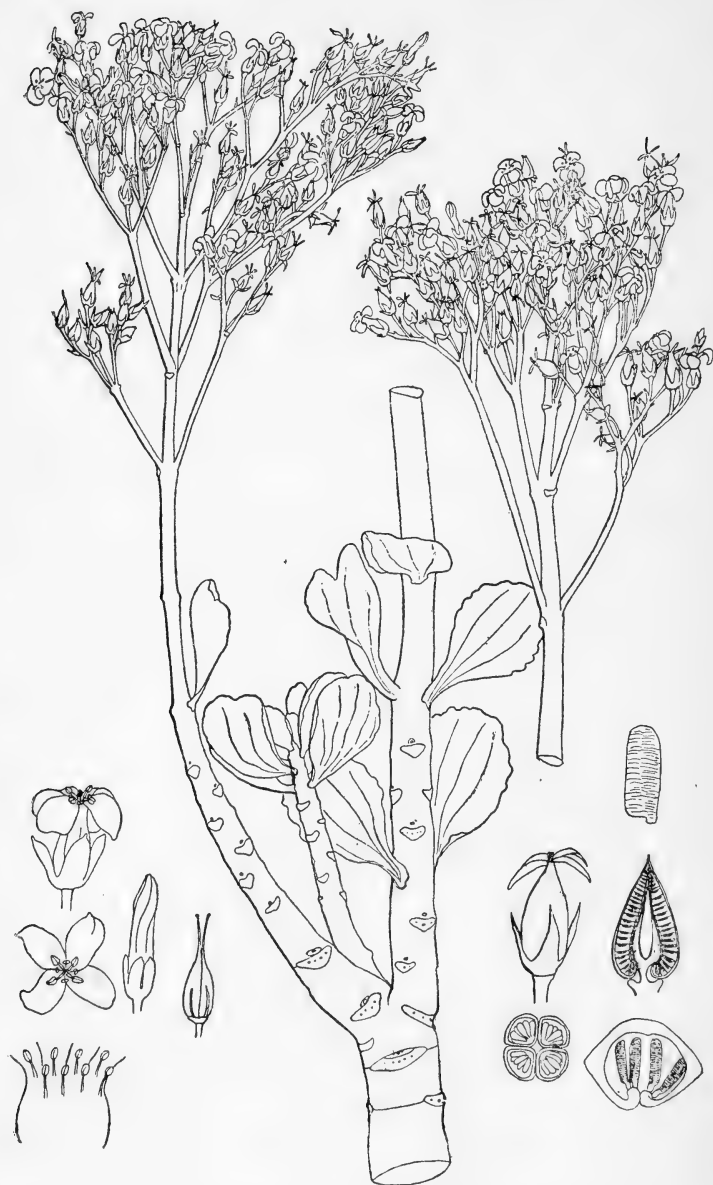
*R. Natesan*

PHOTINIA LINDLEYANA W & A



E. T. Bourne.

PARNASSIA MYSORENSIS Heyne

*R. Natesan.*

KALANCHOE GRANDIFLORA W. & A



J. T. Bourne.

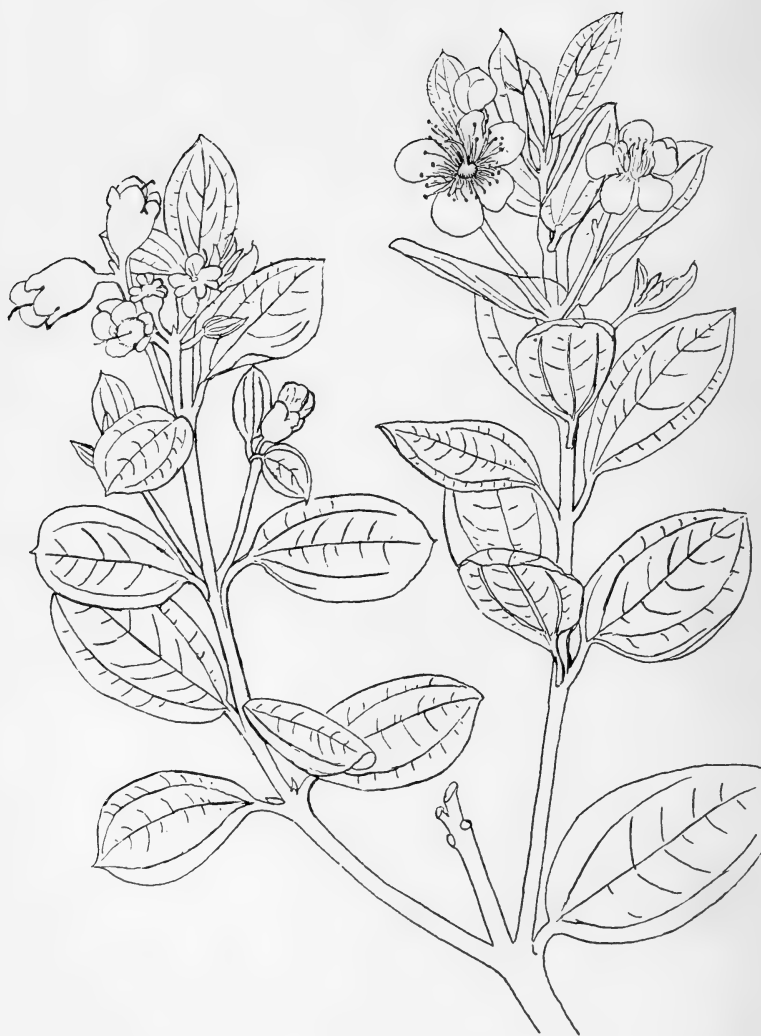
DROSERA BURMANNI Vahl



E. T. Bourne

DROSERA PELTATA Sm



*E T Bourne*

RHODOMYRTUS

TOMENTOSA

Wight.

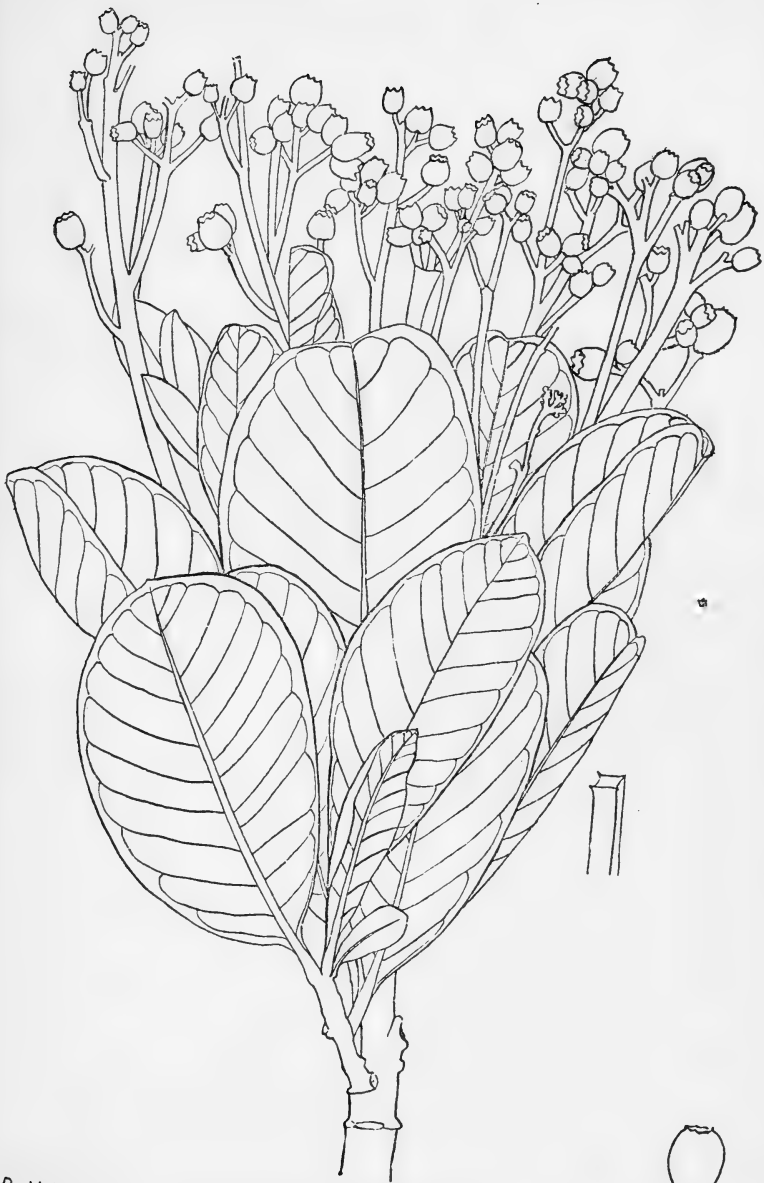


EUGENIA ARNOTTIANA. Wight

*R. Nalesan*

EUGENIA ARNOTTIANA

Wt.



R Natesan

EUGENIA MONTANA Wt.



Natesan

EUGENIA CALOPHYLLIFOLIA

Wt.





OSBECKIA

WIGHTIANA

Benth



E.T. Bourne

OSBECKIA LESCHENAULTIANA DC.



M.F. Harrison

ŒNOTHERA ODORATA Jacq.



M. F. Harrison

ÆNOTHERA TETRAPETALA *Lam.*



H. B. K.

FUCHSIA FULGENS

Moz. et Lessé.



115. *Passiflora*

PASSIFLORA

LESCHENAU 



A. Nolasan

PASSIFLORA

CALCARATA

Mast.

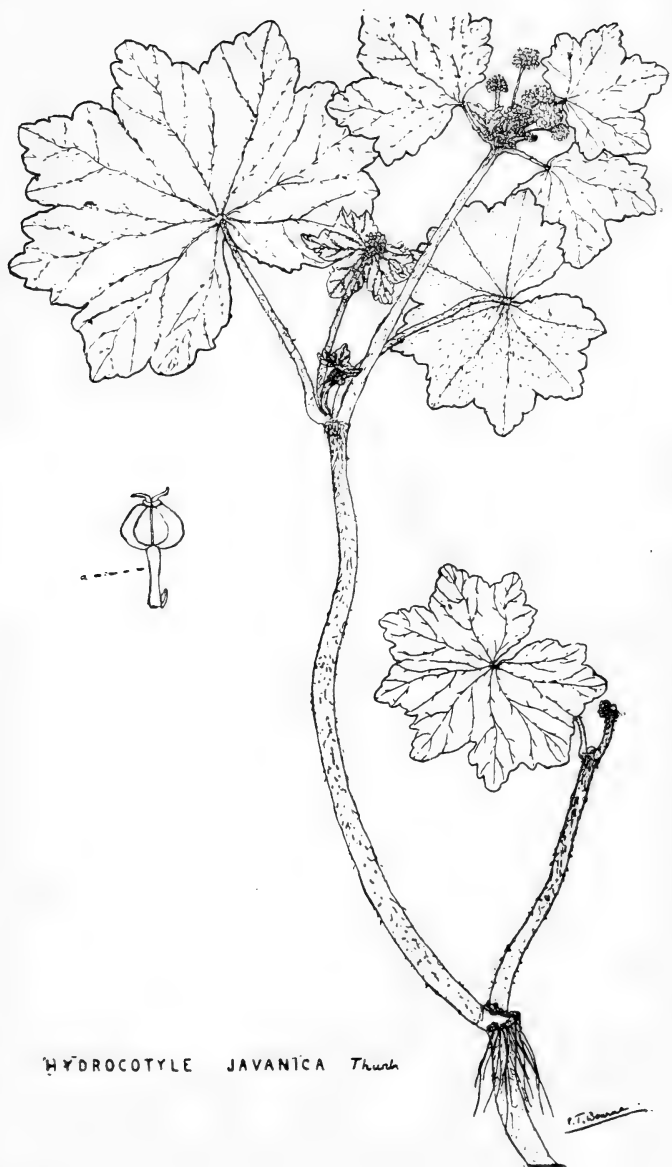


M.F.H. 1880.

PASSIFLORA EDULIS Sims.

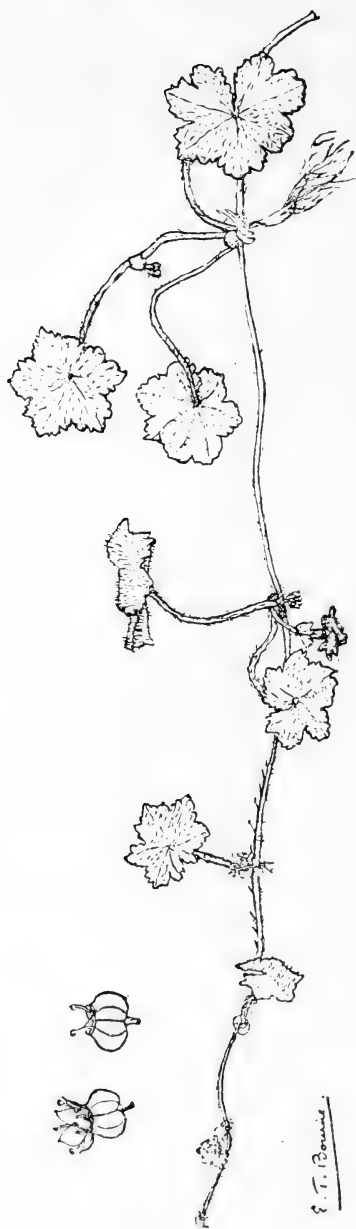


MELOTHRIA PERPUSILLA *Coccoloba*



HYDROCOTYLE JAVANICA Thunb

L.T. Donnell



S. T. Bonnier.

HYDROCOTYLE CONFERTA. Wight.



E. T. Bourne. BUPLEURUM PLANTAGINIFOLIUM *Wt.*



G. T. Bouma

BUPELURUM MUCRONATUM

W & A.



BUPLEURUM DISTICHOPHYLLUM

W. & A.

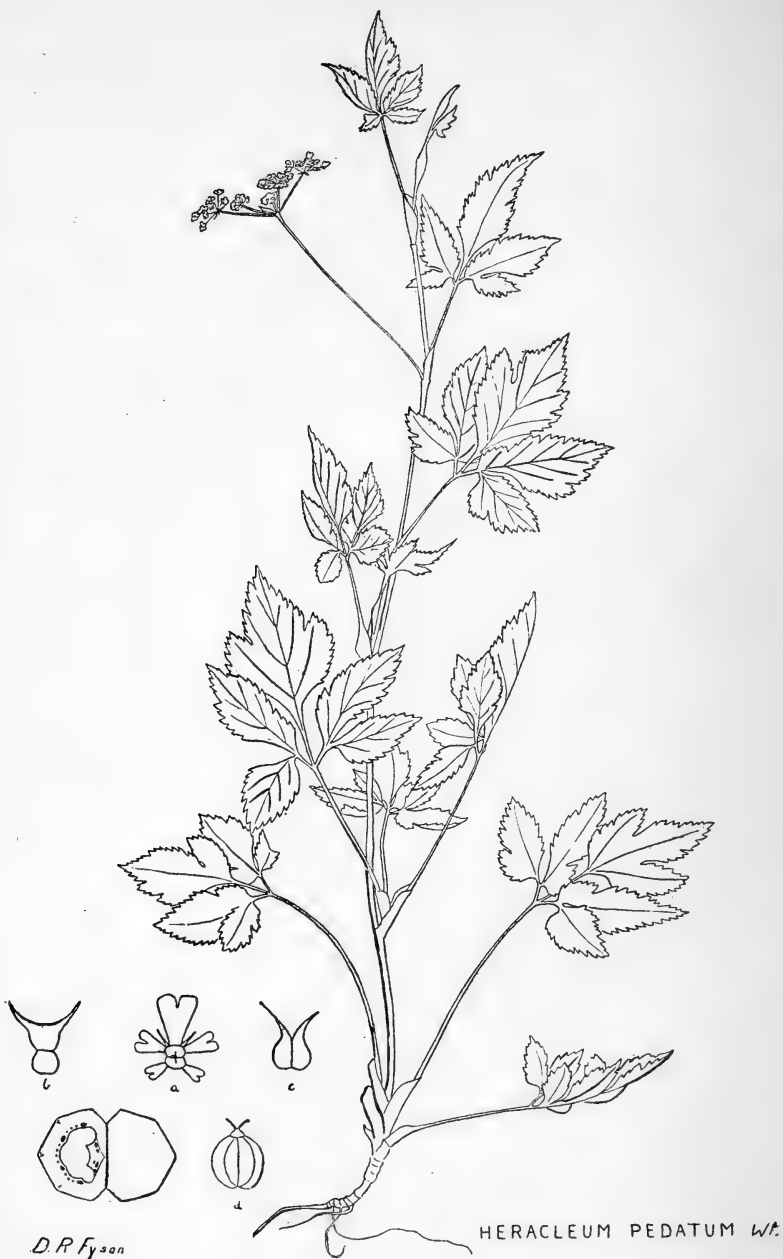
*D.R. Fyson*

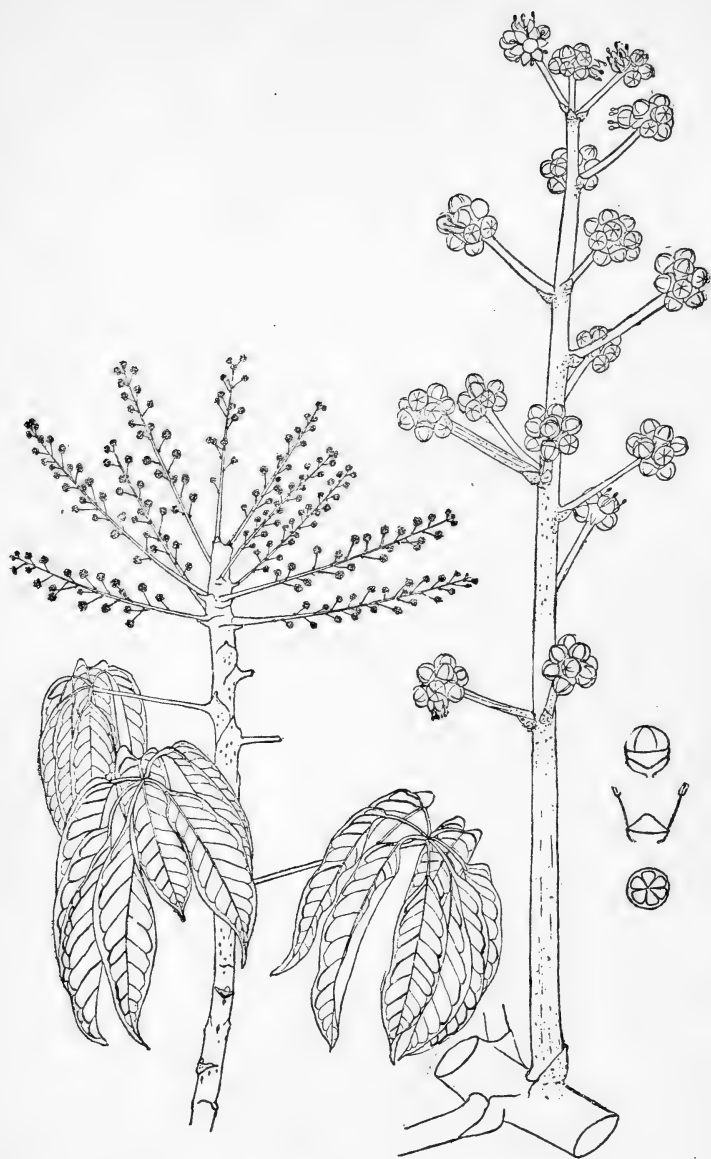
PIMPINELLA LESCHENAULTII DC.



PIMPINELLA CANDOLLEANA W. & A.

D. R. Fyson.



*R. Natesan*

BRASSIA

CAPITATA

C. B. Clarke

*R. Nadeshii*.

VIBURNUM

ACUMINATUM

DC.



R. Natesan. *VIBURNUM CORIACEUM* *Blume.*
var. *CAPITELLATA.*



E. T. Bourne.

VIBURNUM

HEBANTHUM W & A.



LONICERA LESCHENAUULTII Woll.

*E.T. Bourne*

LONICERA

LIGUSTRINA *Wall.*



E.T.Bourne

HEDVOTIS STYLOSA 8r



HEDYOTIS ARTICULARIS

Br.



ANOTIS LESCHENAUTIANA var. *AFFINIS*.

M. F. Harrison.



P.F.F.
after



1178

R. Natesan

ANOTIS SP.

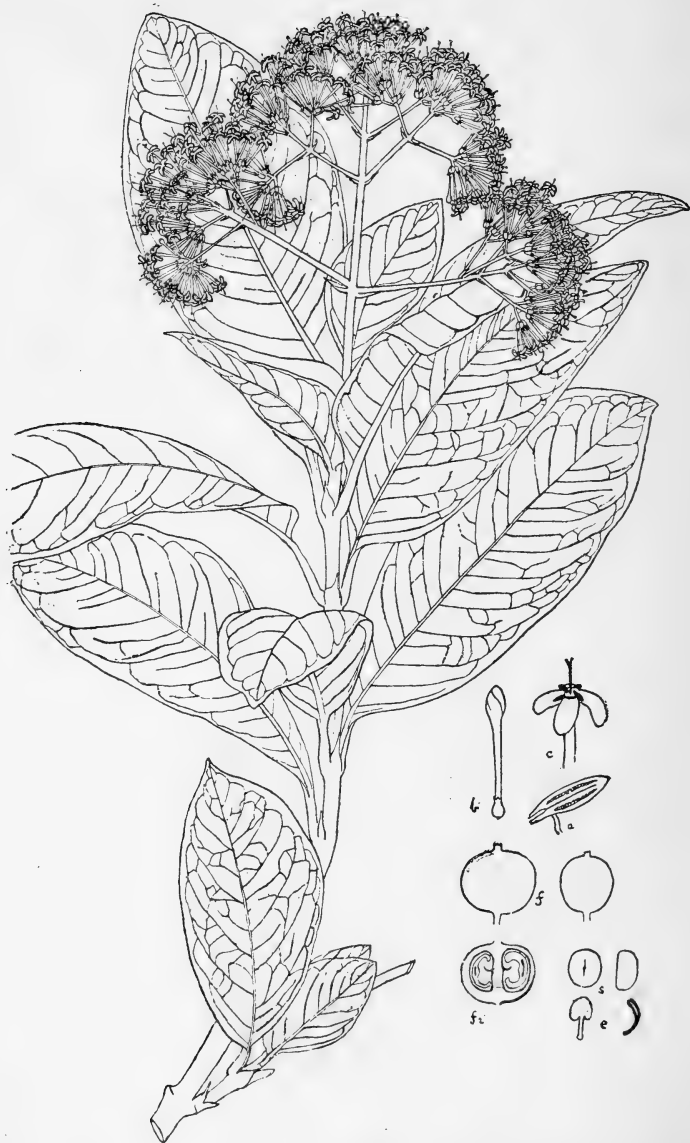
2045

3/4 Nat



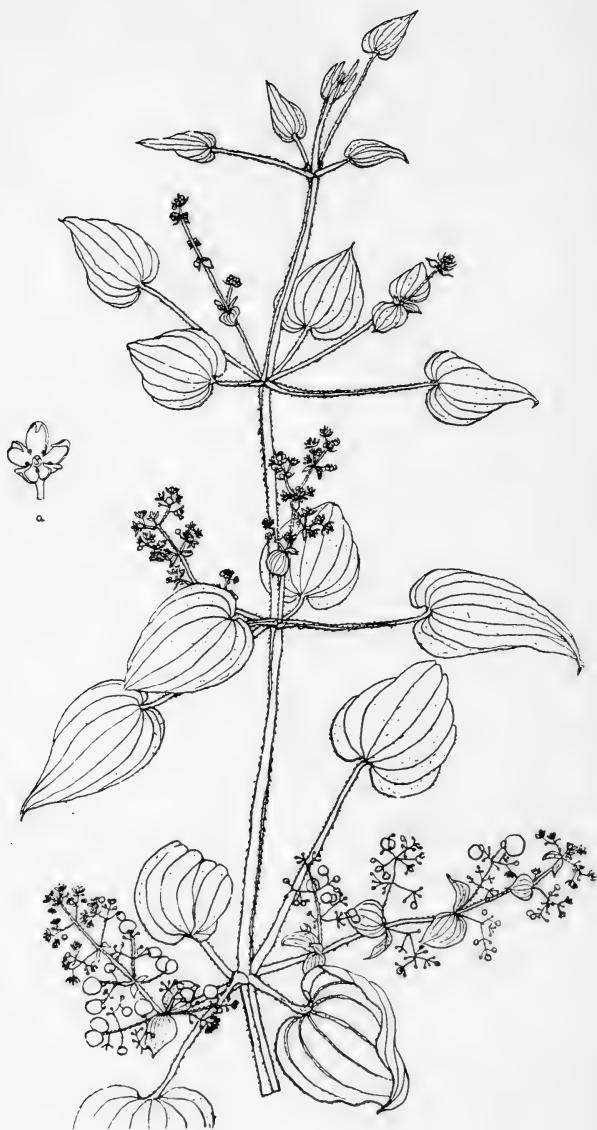
E. T. Bournc.

KNOXIA MOLLIS W. & A.

*R. Natesan**IXORA NOTONIANA* Wall.



LASIANTHUS VENULOSUS Wt



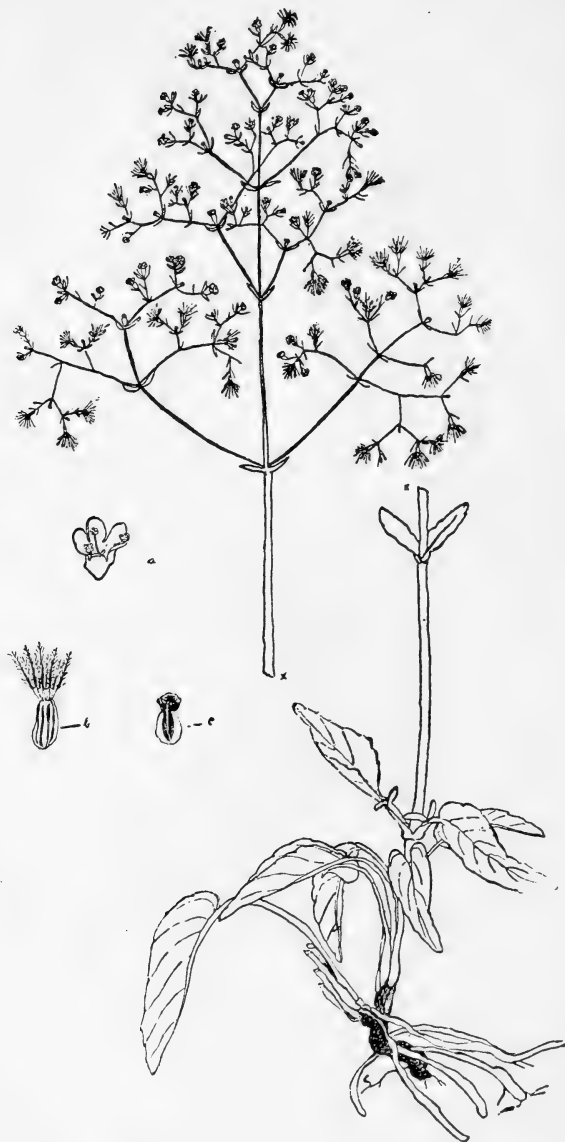
E. T. Bourne.

RUBIA CORDIFOLIA L.



E. T. Bourne.

VALERIANA HOOKERIANA W. & A.



E. T. Bourne. VALERIANA LESCHENAUTII DC.

*DIPSACUS LESCHENAUTII* Coult.



P.F.F.
after E. Patton.

CENTRATHERUM RETICULATUM Benth.

P. G. Boissier

VERNONIA CONYZOIDES DC.



P.F.F. after
R Natesan

VERNONIA

CORMORINENSIS Sm.

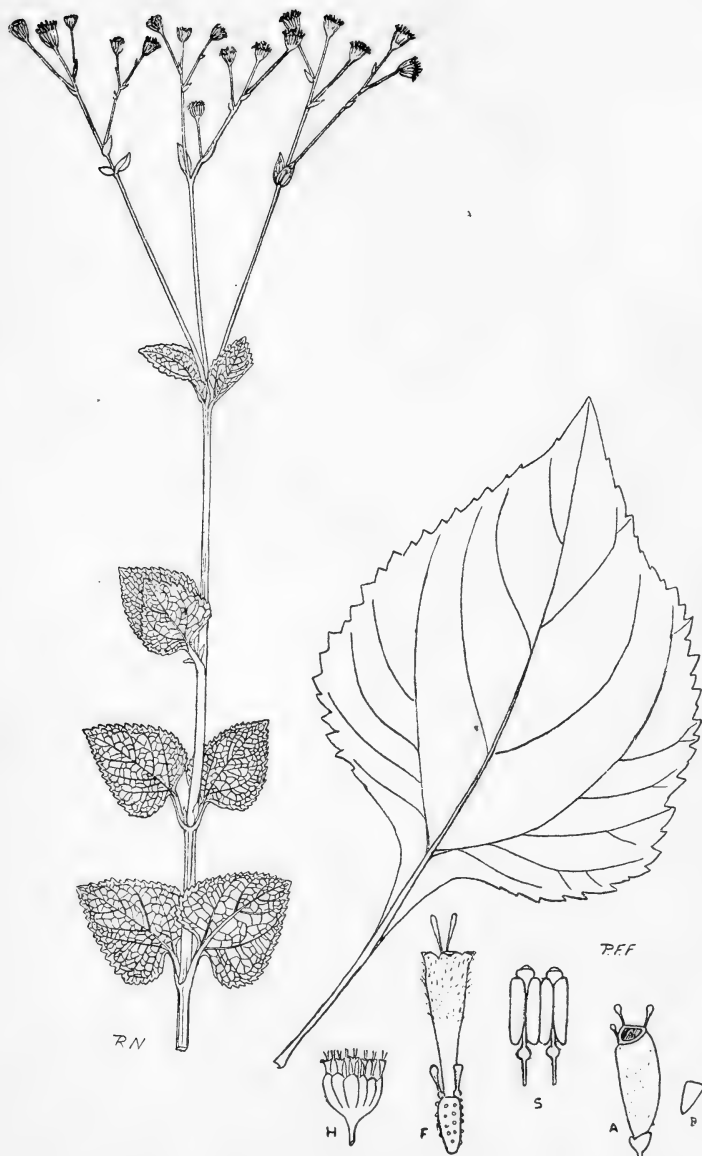


E. T. Bourne. VERNONIA PECTINIFORMIS *Wight.*



R. Natesan.

VERNONIA MONOSIS *Benth.*



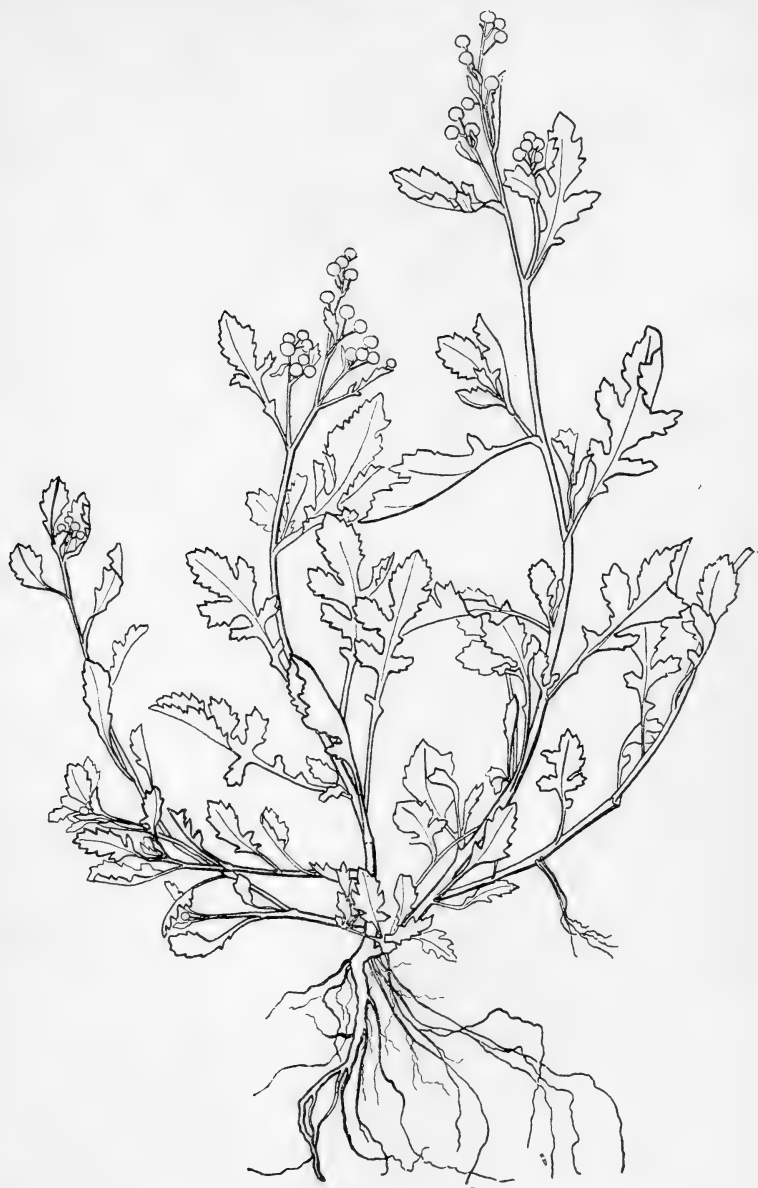
ADENOSTEMMA VISCOSUM

Forst.



E. T. Bourne.

AGERATUM CONYZOIDES *Linn.*

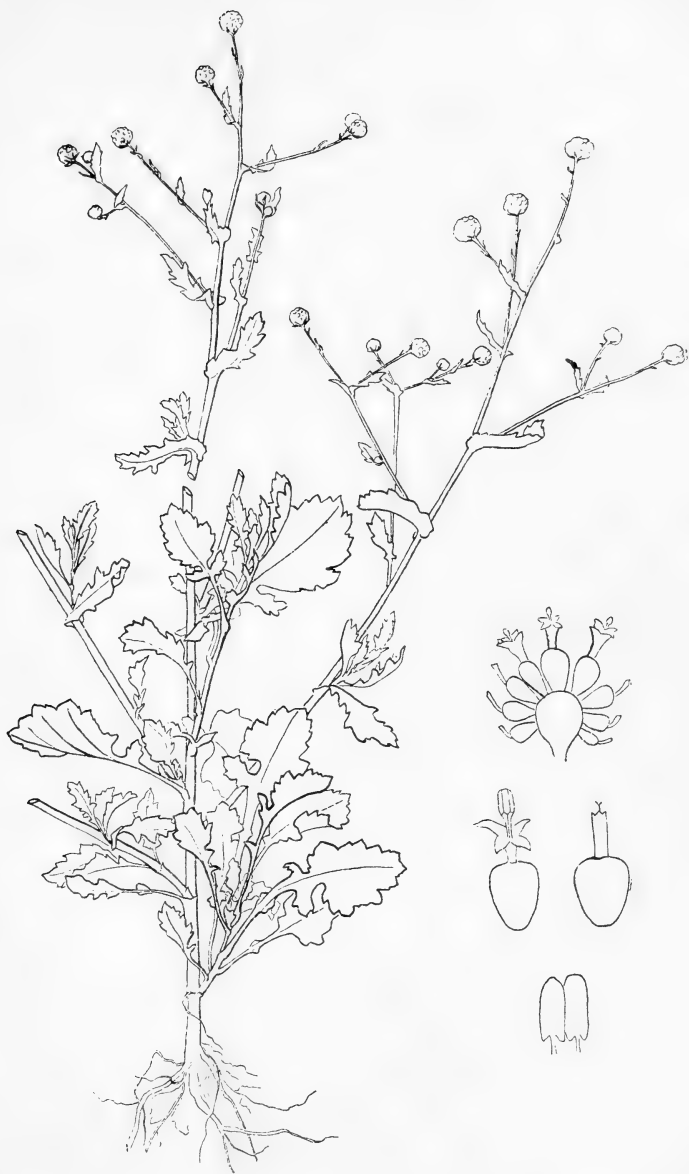


D. R. Fyson.

DICROCEPHALA LATIFOLIA DC.



D. R. Fyson. *DICHROCEPHALA CHRYSANTHEMIFOLIA* DC.



D. R. Fyson. *DICHROCEPHALA CHRYSANTHEMIFOLIA* DC.



*P. Nalesan*

ERIGERON ALPINUS L.

*R. Natesan.*

ANAPHALIS

BEDDOMEI

Hook f. & N.



D.R. Fyson

ANAPHALIS TRAVANCORICA Sm

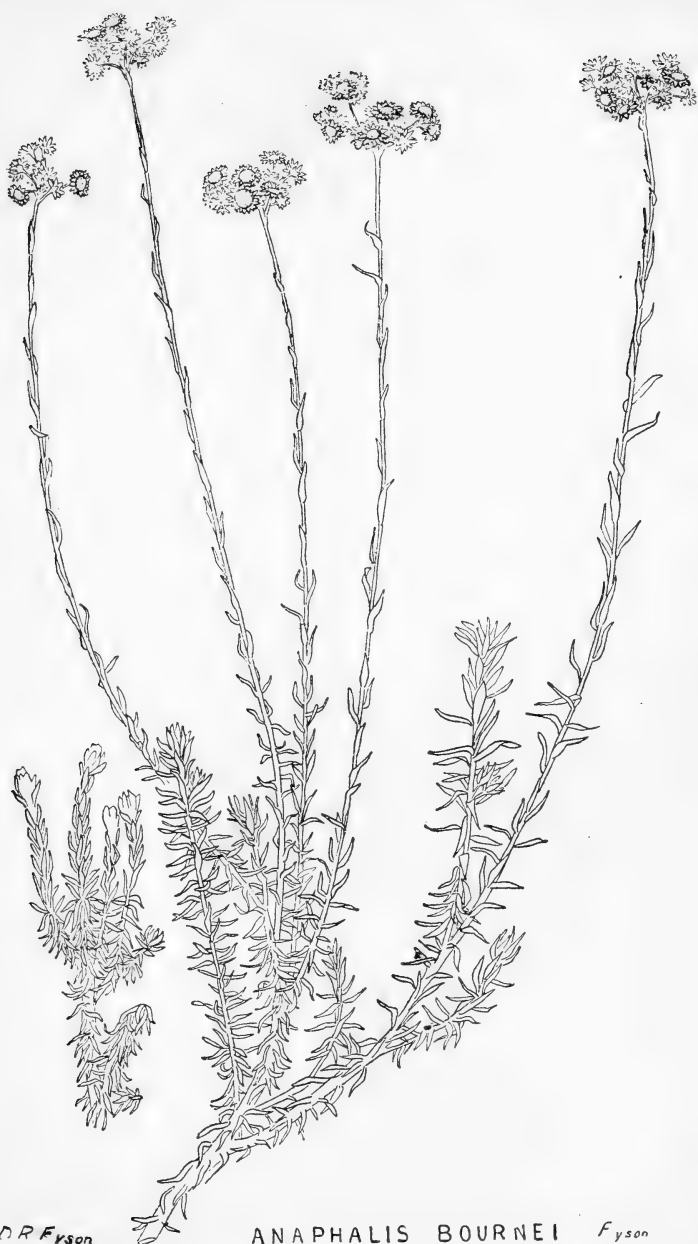


*E. T. Bourne.*

ANAPHALIS ARISTATA DC.

*D.R.F.*_{v360}

ANAPHALIS WIGHTIANA DC.



D. R. Fyson

ANAPHALIS BOURNEI Fyson



ANAPHALIS NEELGERRIANA DC



E. T. Burrill.

HELICHRYSUM BUDDLEOIDES DC.



D. A. Fyson

SIEGESBECKIA ORIENTALIS Lin.



E. T. Bourne.

BIDENS PILOSA *Linn.*



M. F. Harrison.

BIDENS HUMILIS *H. B. & K.*



E. T. Bourne.

SENECIO LAVANDULÆFOLIUS DC



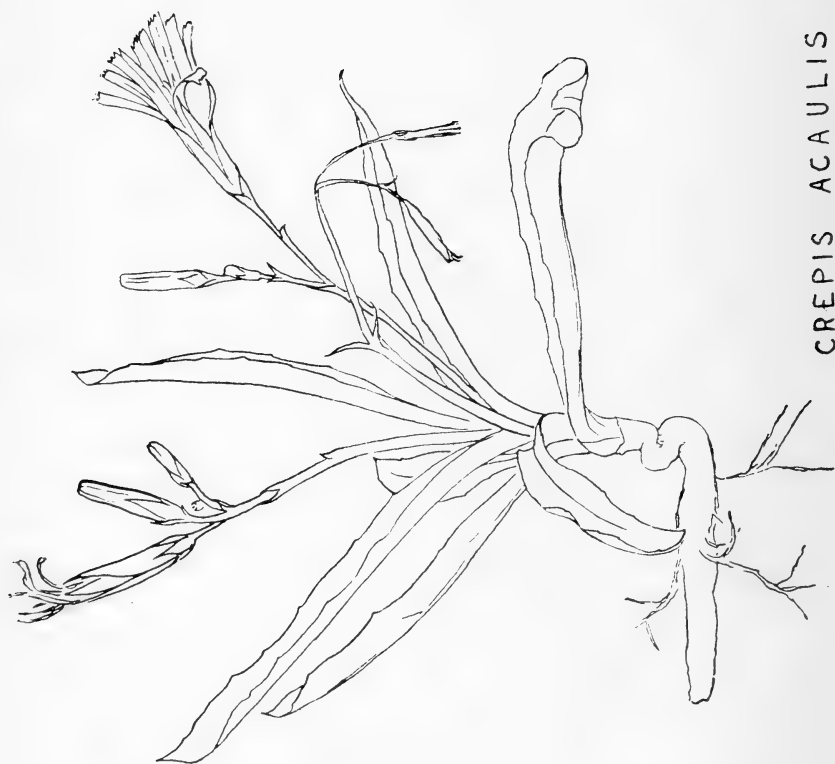
F. T. Bourne

SENECIO WIGHTIANUS DC

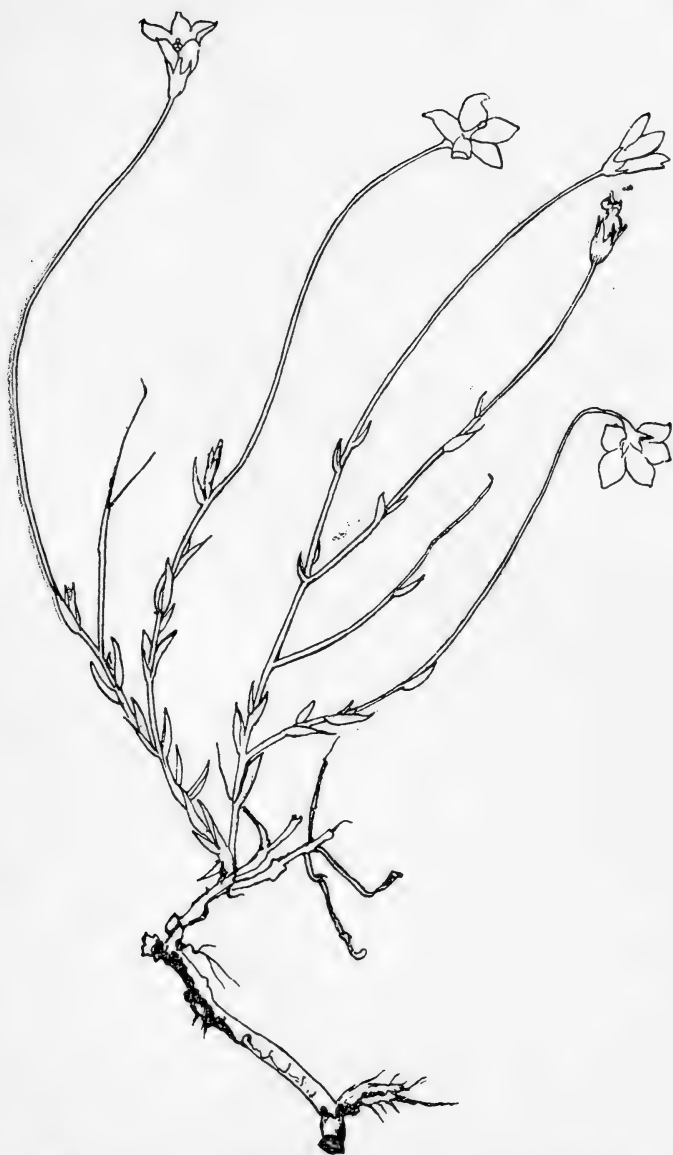


M. F. Harrison

PICRIS HIERACIOIDES L.



CREPIS ACAULIS Hooker f



ET Bourne

WAHLENBERGIA

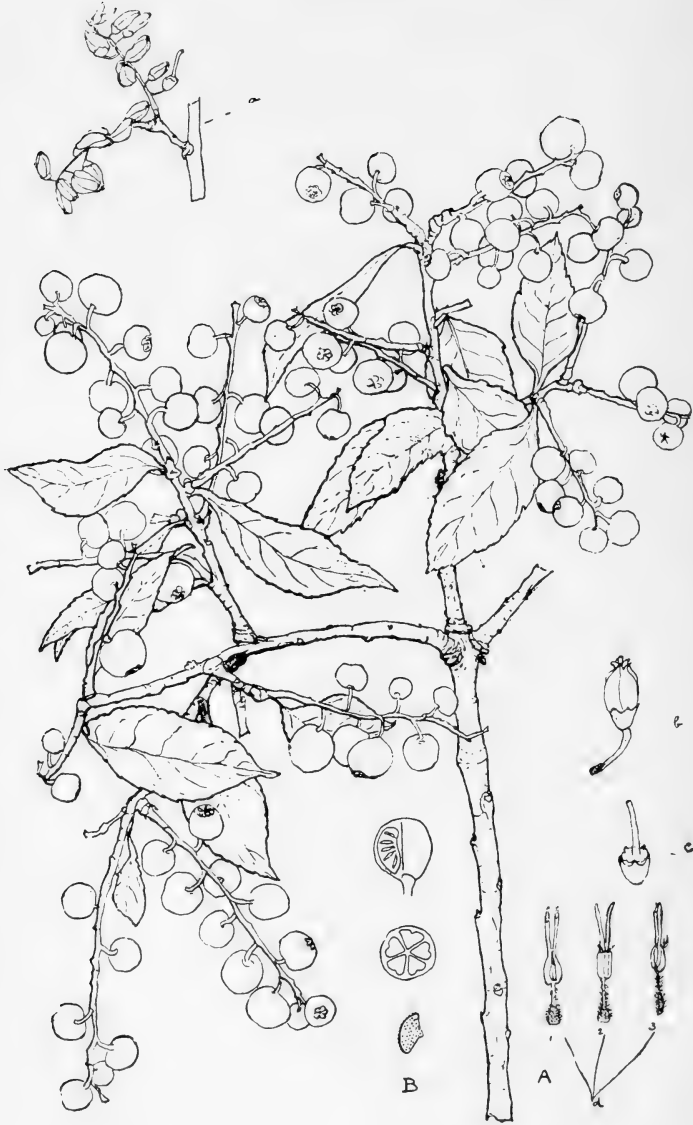
GRACILIS D.C.





D. R. Fyson.

CAMPANULA FULGENS Wall.



E. T. Bourne. *VACCINIUM LESCHENAULTII* Wt.



RHODODENDRON ARBOREUM Sm.



A.E. Micheson.

LYSIMACHIA LESCHENAUTII Duby.



E. T. BOURNE

LYSIMACHIA DELTOIDES W.



MYRSINE WIGHTIANA Wall

*P Natesan*

SIDEROXYLON

TOMENTOSUM Roxb.

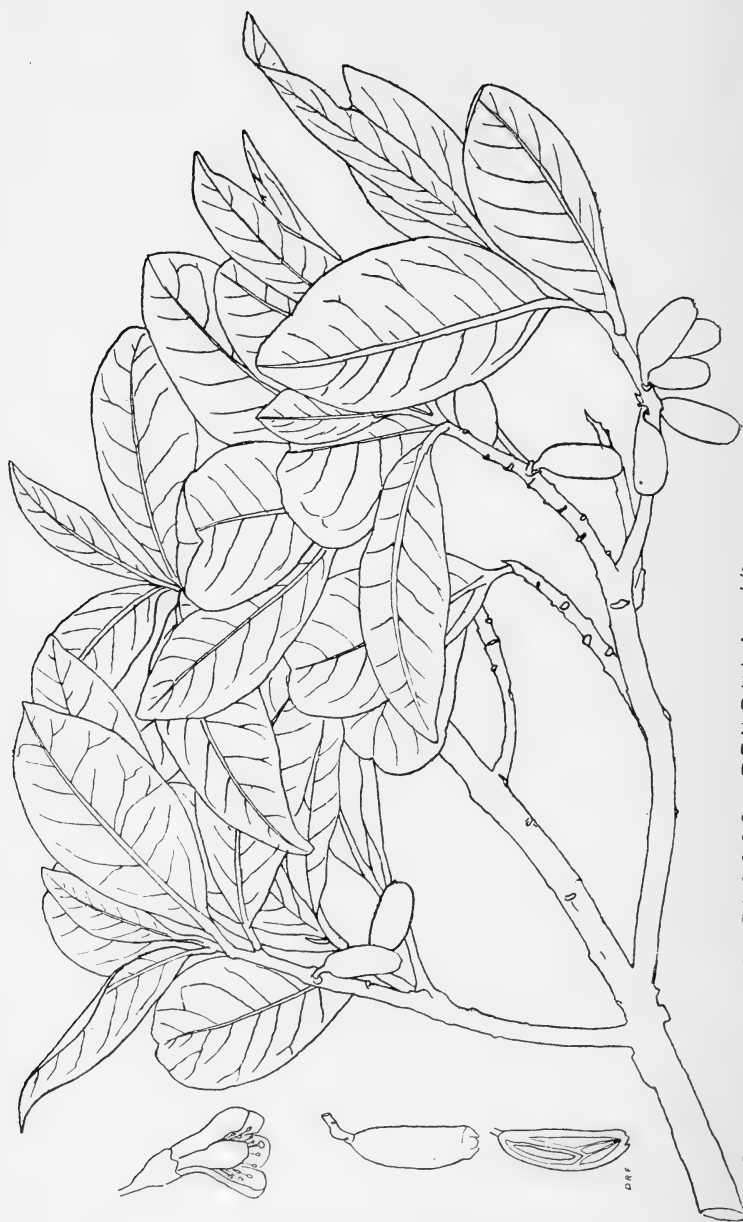


R. Natesan ♀ *SIMPLOCOS FOLIOSA* ♀ *Wight*

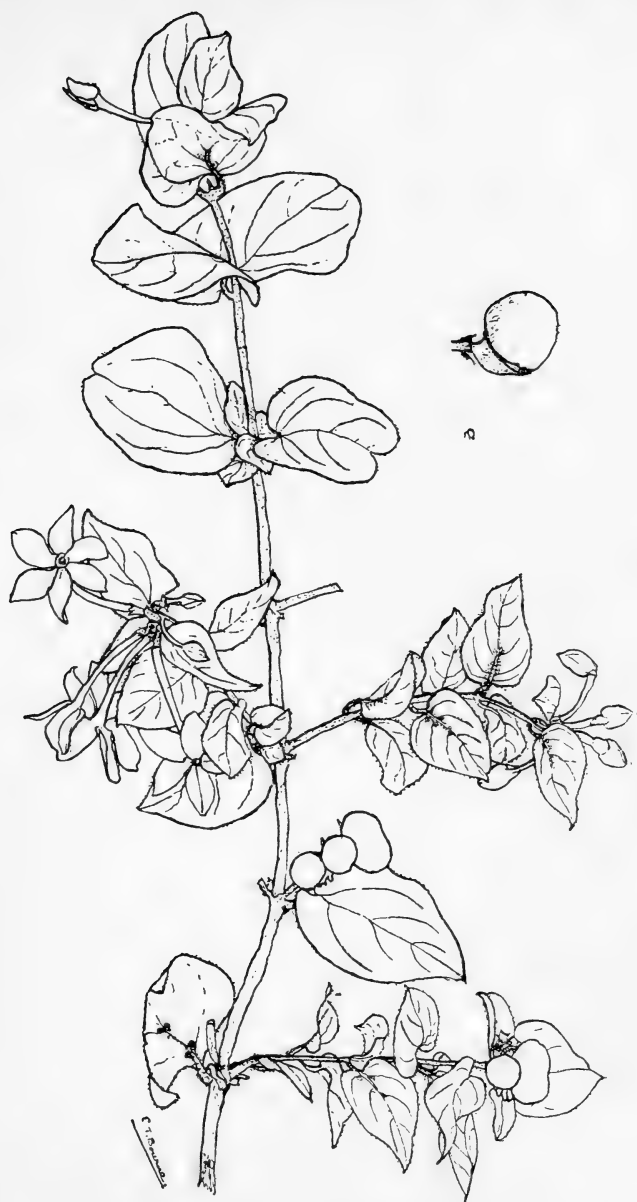
*R. Nalesan*

SYMPLOCOS OBTUSA

Wall.



R. Nafesari SYMPLOCOS PENDULA Wt.



JASMINUM BREVILOBUM DC.

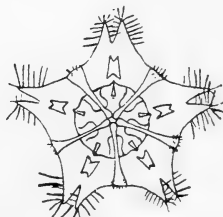
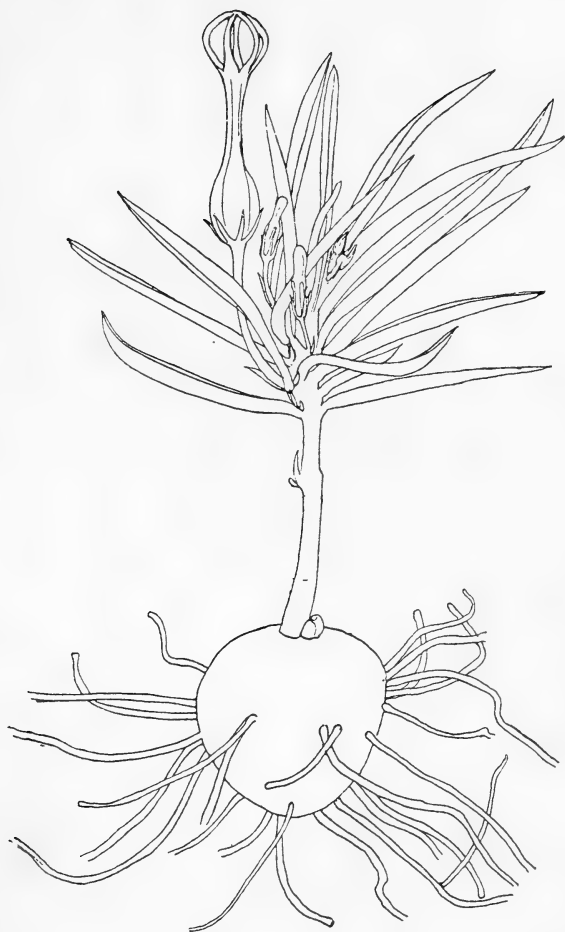
*A. Natesan*OLEA BOURNEI *Fyson*

*P. Natesar*

LIGUSTRUM PEROTTETII DC



R. Natesan *GYMNEMA HIRSUTUM W & A.*



R. Natesan

CEROPEGIA PUSILLA *Wt*



GARDNERIA OVATA Wall.

P. Materson



M.F. Harrison.

non !
GENTIANA (QUADRIFARIA . Blume)
gen



SWERTIA CORYMBOSA Wt



CYNOGLOSSUM

FURCATUM *Willd.*



ARGYREIA HIRSUTA Arn.

*R. Naleson*

SOLANUM INDICUM Linn var. MULTIFLORA



VERONICA AGRESTIS Linn.



SOPUBIA DELPHINIFOLIA G. Don



SOPUBIA TRIFIDIA Ham.

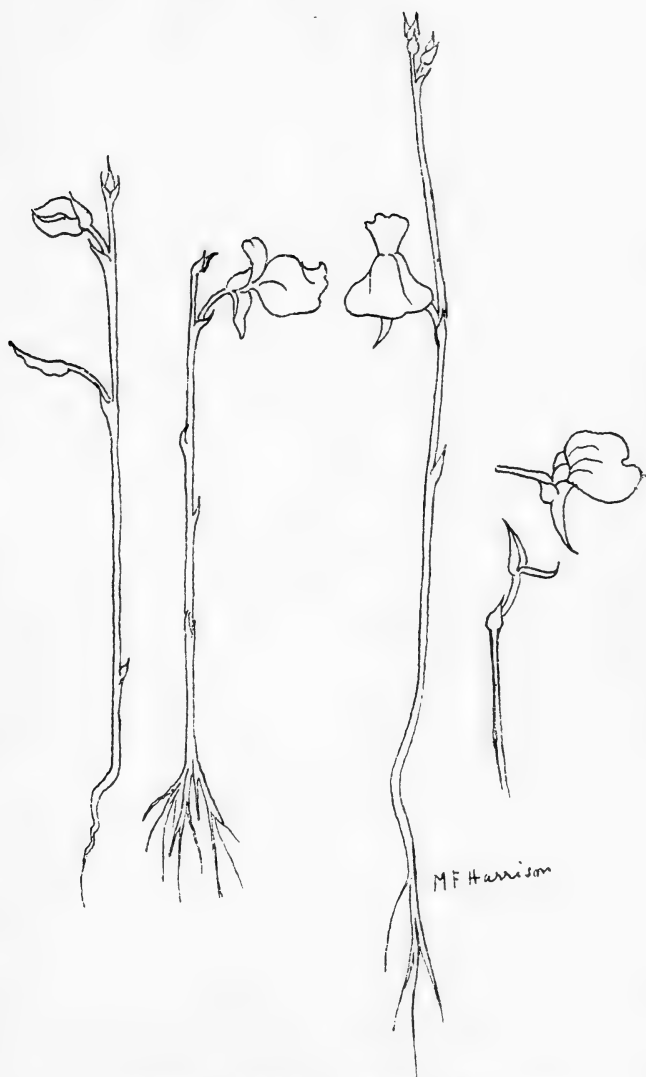


PEDICULARIS ZEYLANICA Benth.

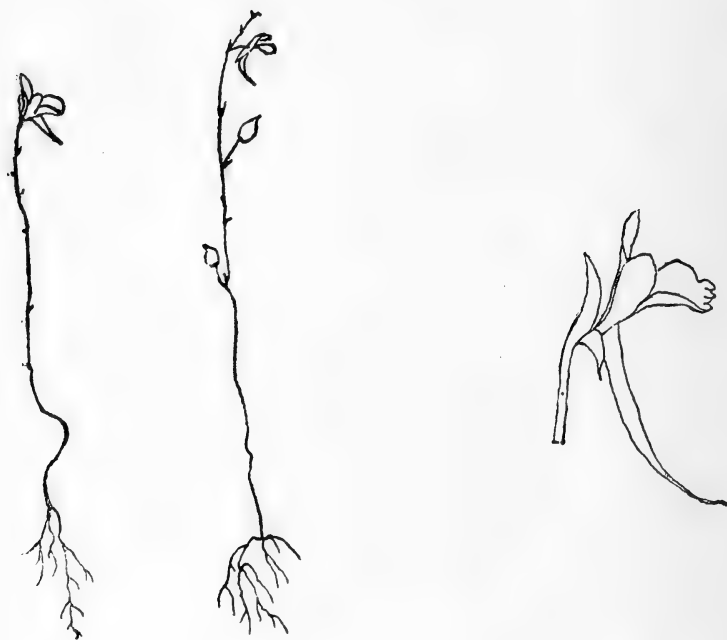


after N. Cox

PEDICULARIS PERROTTETII Benth.



UTRICULARIA CÆRULEA Linn.

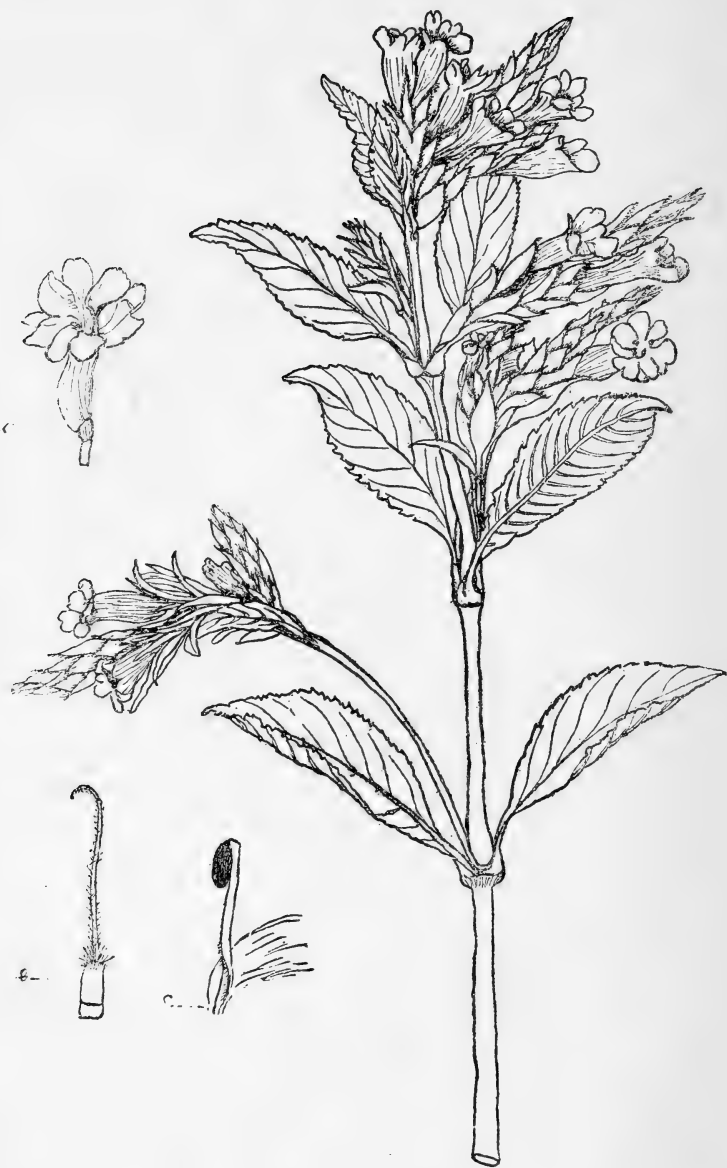


E T Bourne

UTRICULARIA WALLICHIANA, W.C.



DIDYMOCARPUS TOMENTOSA Wt.



E. T. Bourné. STROBILANTHES KUNTHIANUS *T. Anders.*



E. T. Bourne.

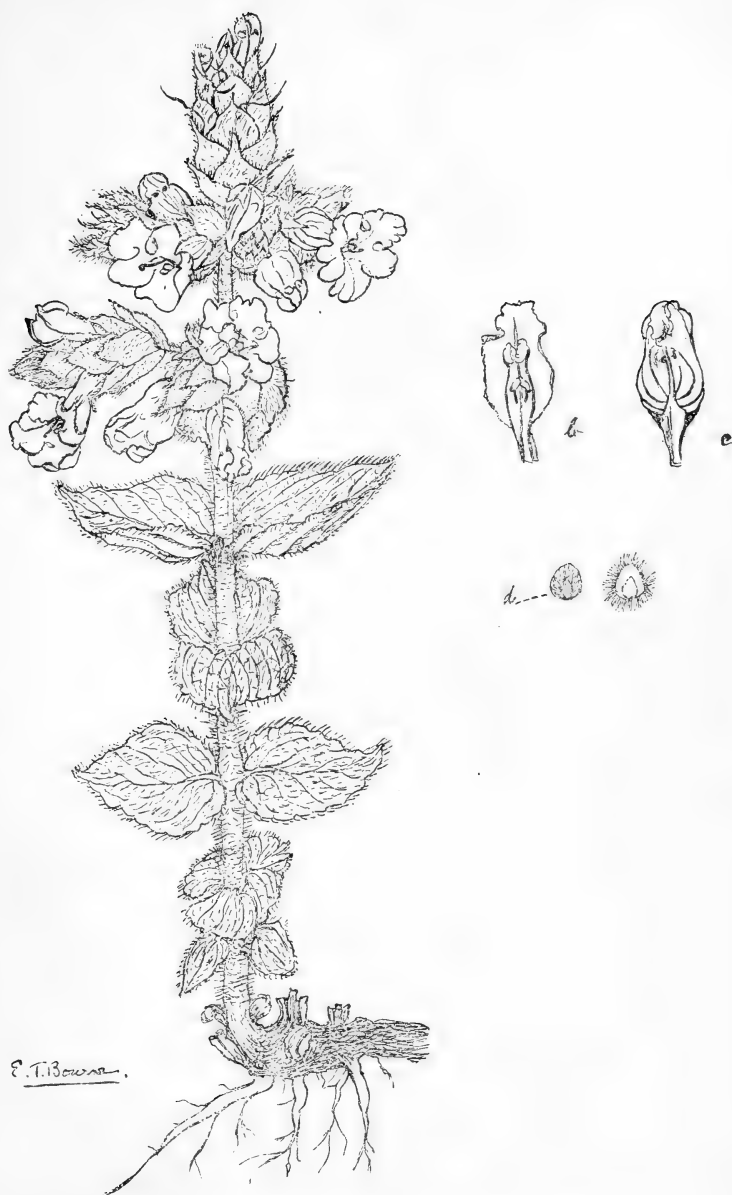
STROBILANTHES CUSPIDATUS

T. Anders.



E. R. B. Boiss.

STROBILANTHES WIGHTIANUS Nees.



STROBILANTHES SESSILIS Nees.



b --

ANDROGRAPHIS LOBELIODES Wight



JUSTICIA NILGHERRENSIS WALL.



JUSTICIA SIMPLEX Don



VERBENA VENOSA Gill. & Hook

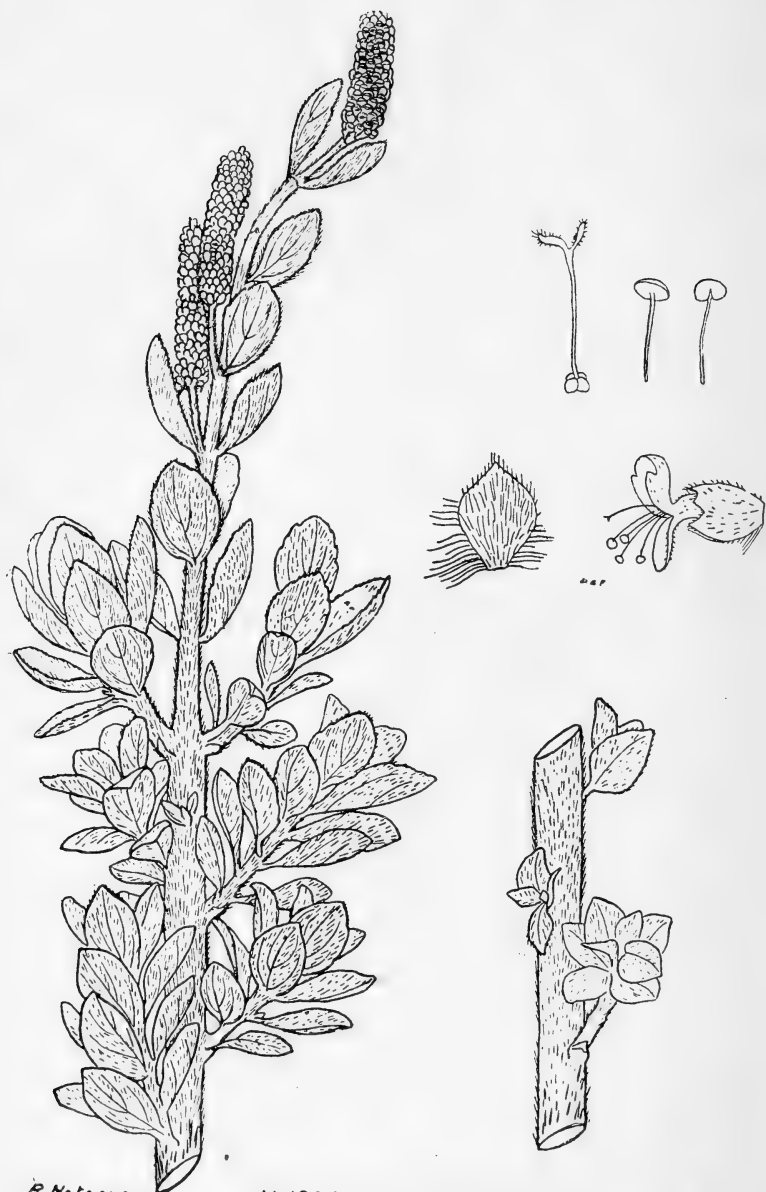


VERBENA BONARIENSIS Linn



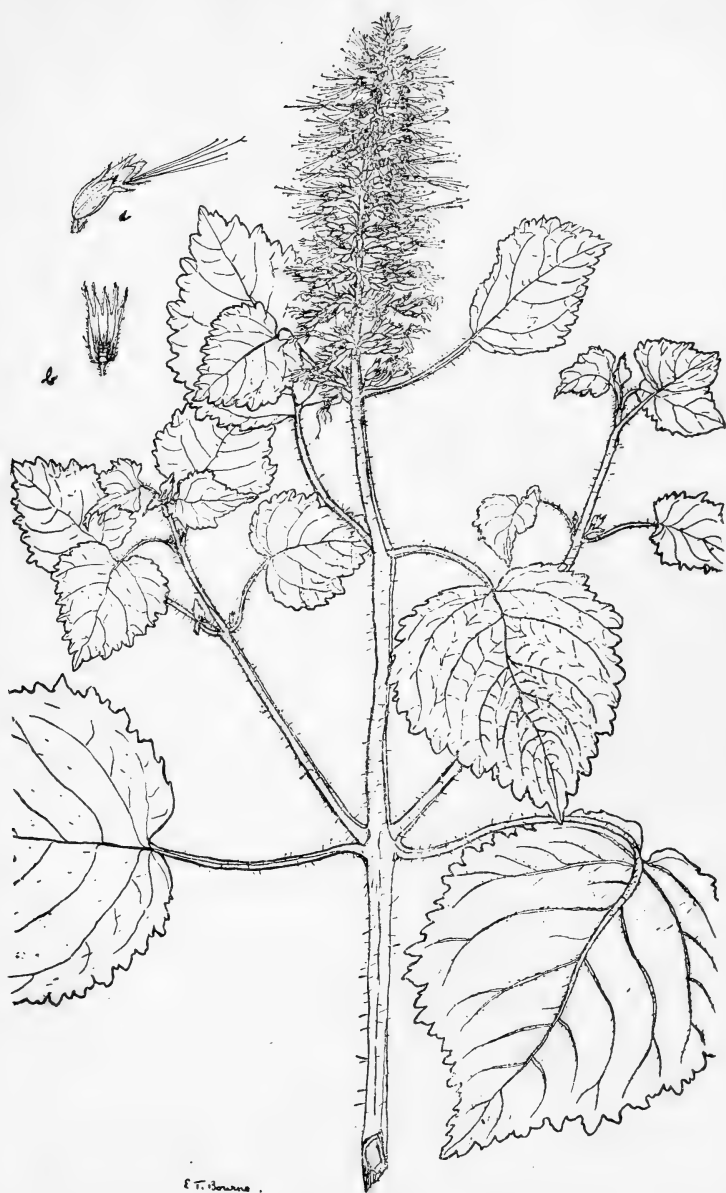
COLEUS BARBATUS Benth

E. Arnold



R. Natesan

ANISOCHILUS DYSOPHYLLOIDES Benth



E. T. Boume

POGOSTEMON SPECIOSUS. Benth



E. T. Bourne

MICROMERIA BIFLORA *Benth.*



RFH. Hb. Jav.

SCUTELLARIA VIOLACEA Heyne



BRUNELLA VULGARIS L. var. HISPIDA Benth.



ET Bourne

LEUCAS

ROSMARINIFOLIA Benth



LEUCAS SUFFRUTICOSA Benth



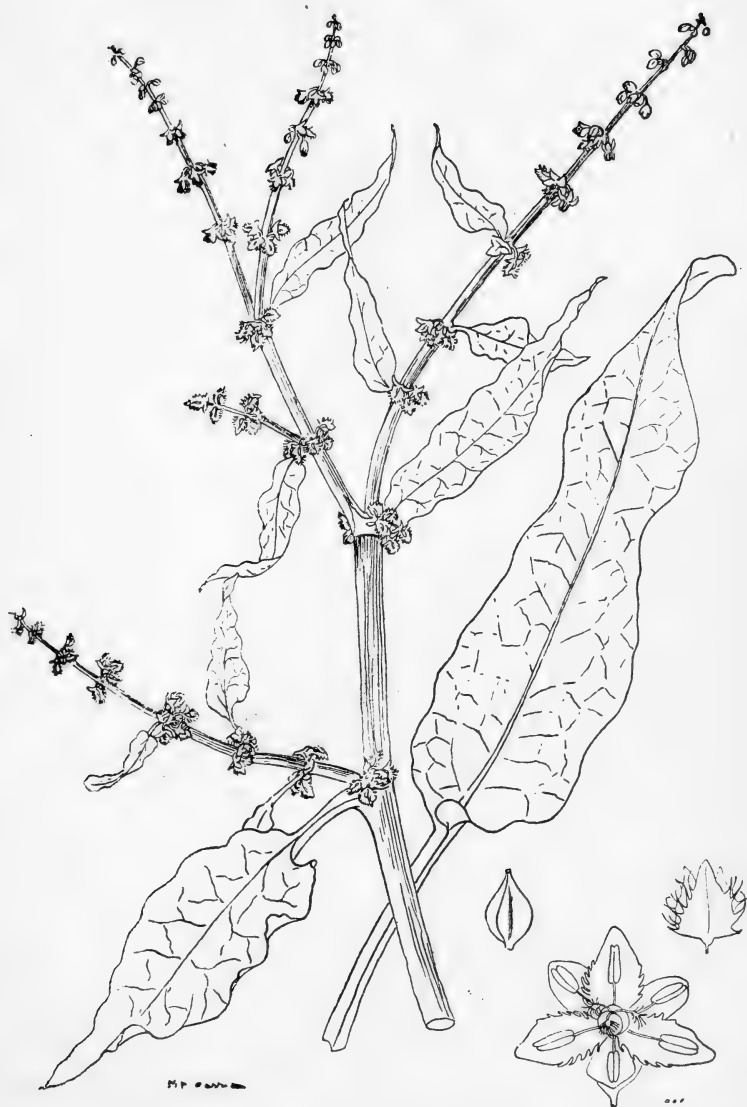
LEUCAS LANCEÆFOLIA Desf.



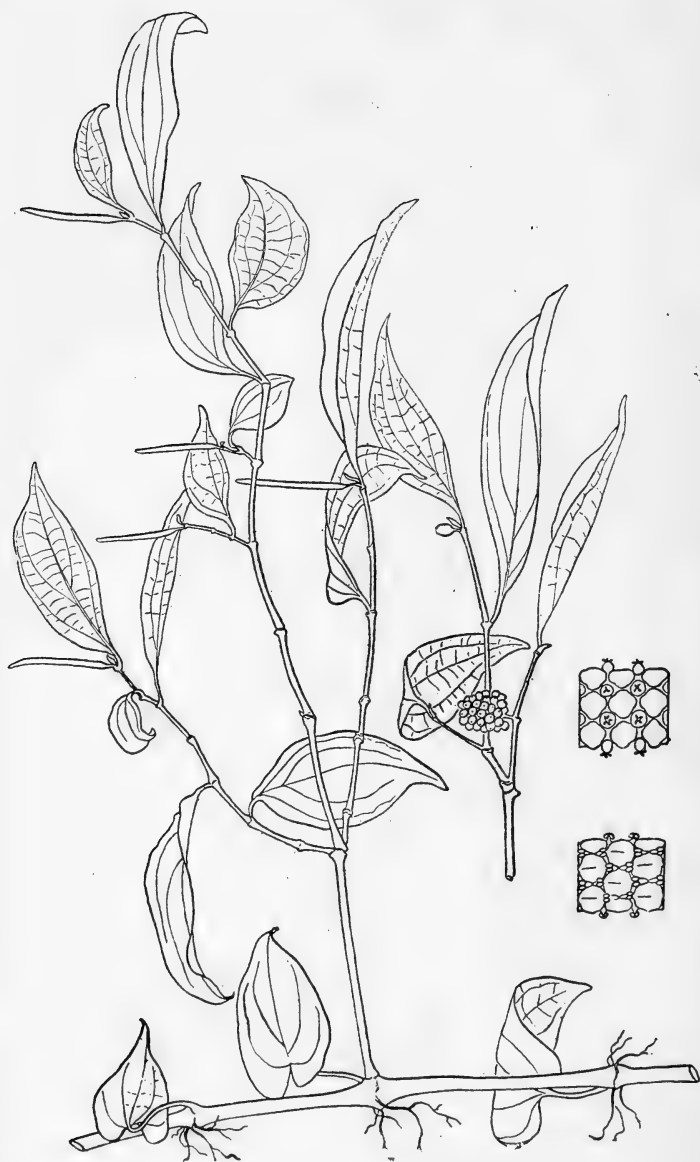


PLANTAGO MAJOR L.

*P.F. Fyson*FAGOPYRUM ESCULENTUM *Moench*



RUMEX NEPALENSIS Spr.

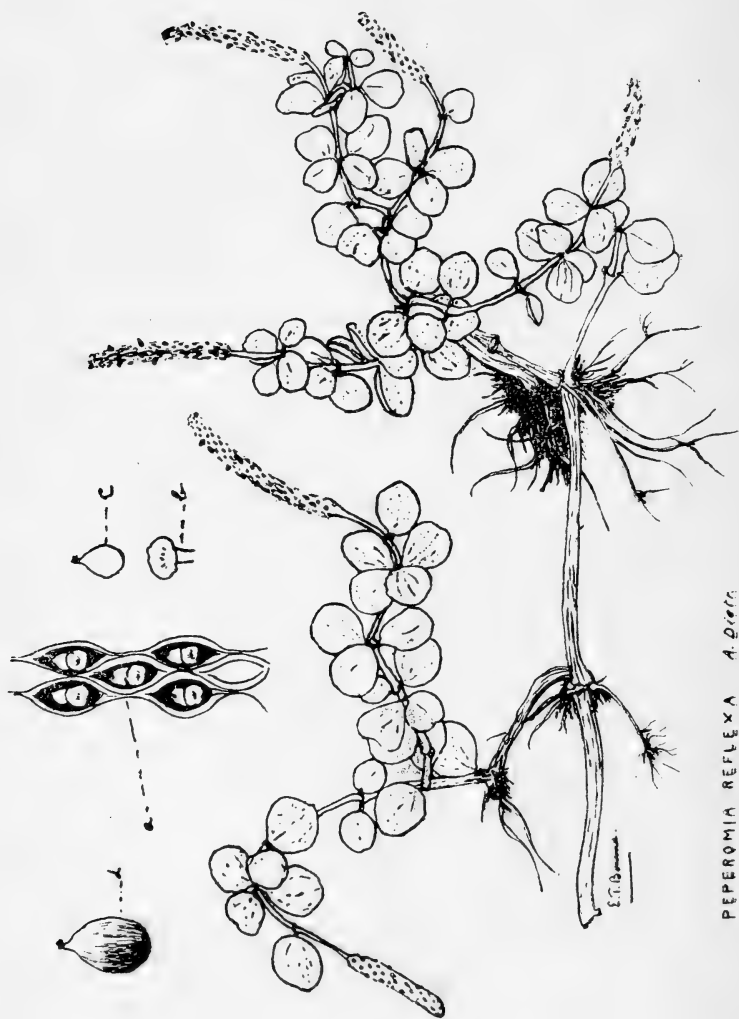


PIPER BRACHYSTACHYUM Wall.
D.R. Fyson



PIPER SCHMIDTII Hook

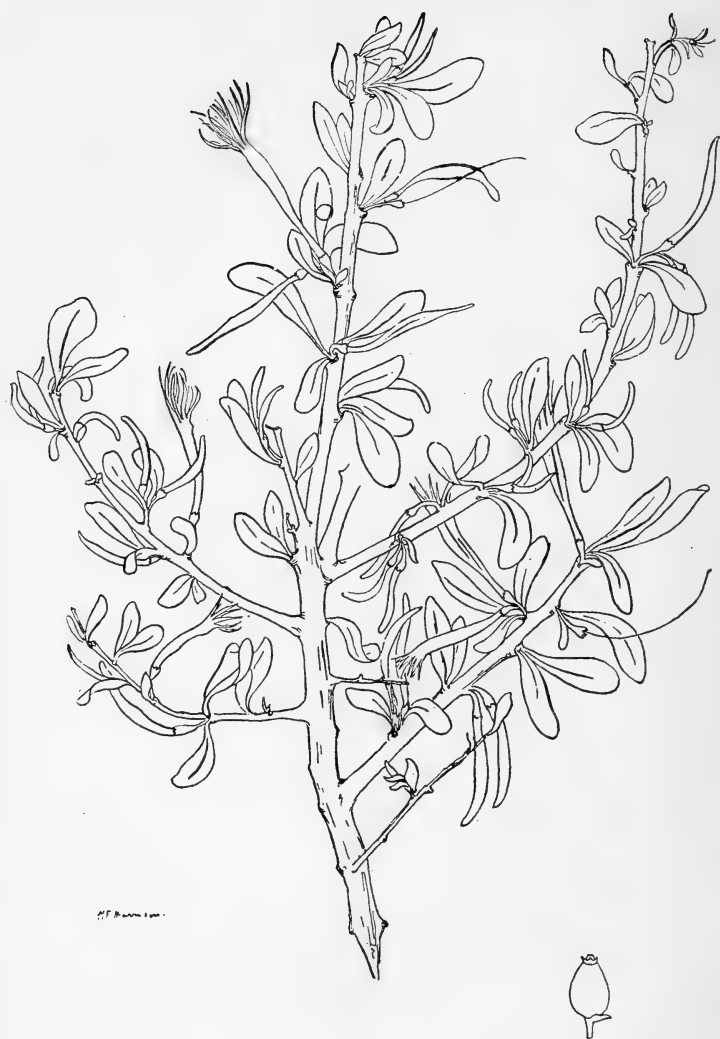
A. Nateson



PIPEROMIA REFLEXA A. DC.



ELÆAGNUS LATIFOLIA Linn.



LORANTHUS CUNEATUS Heyne



E. T. Bourne

LORANTHUS NEELGHERRENSIS Wt.



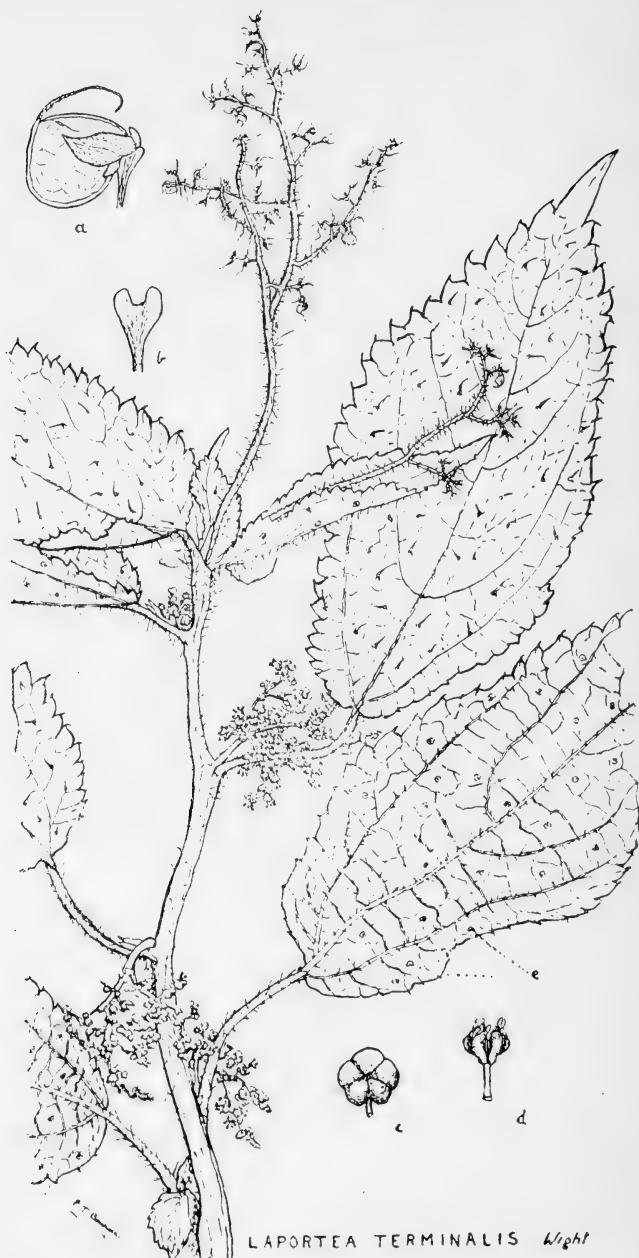
F. Bruma.

LORANTHUS LONICEROIDES L



SARCOCOCCA

PRUNIFORMIS Lindl.



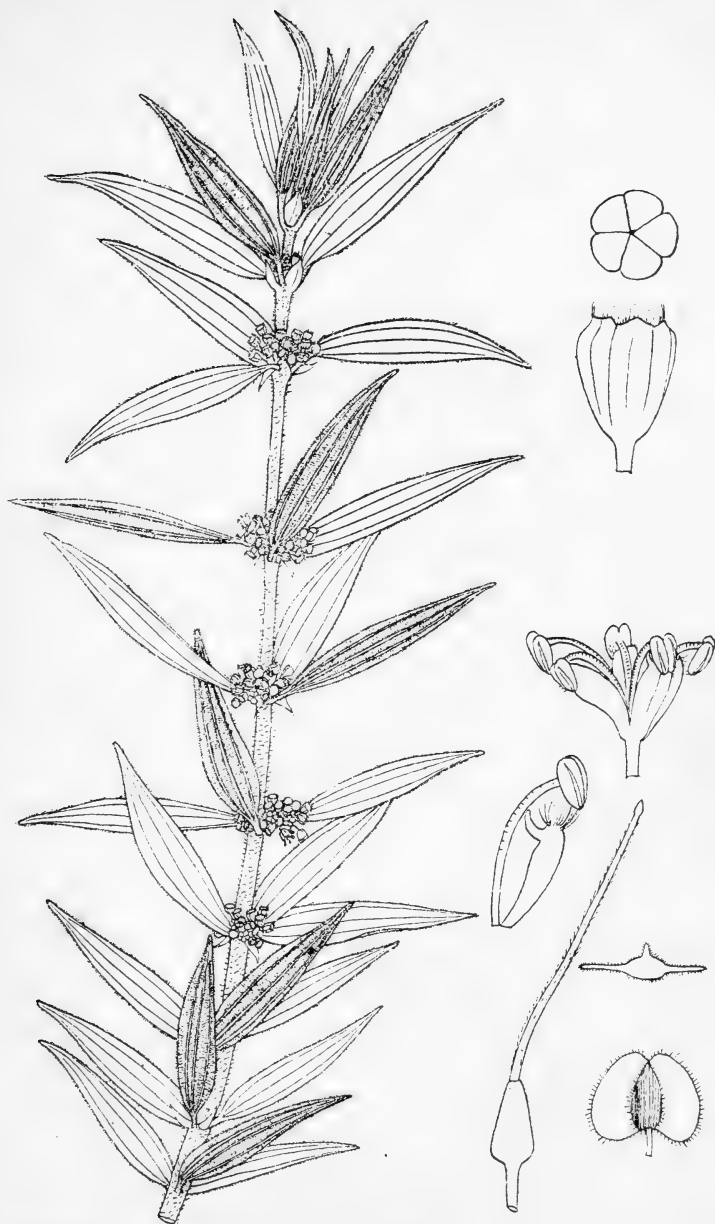
LAPORTEA TERMINALIS Wright

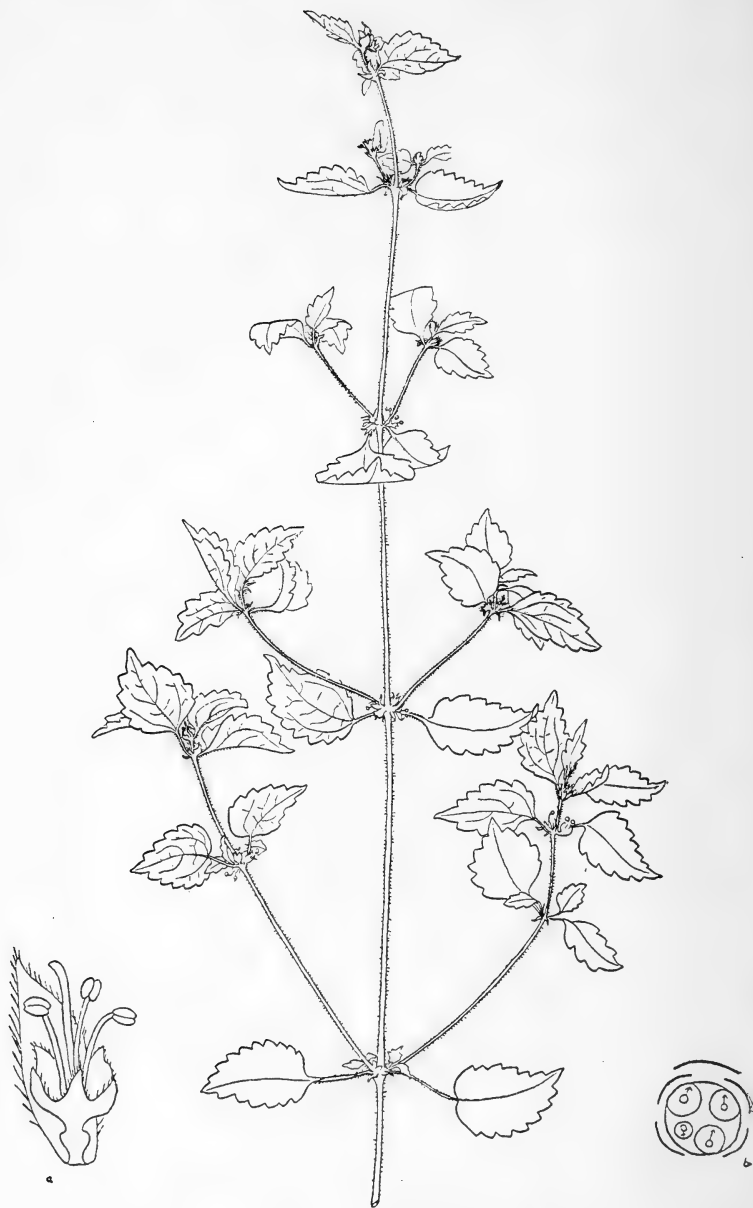


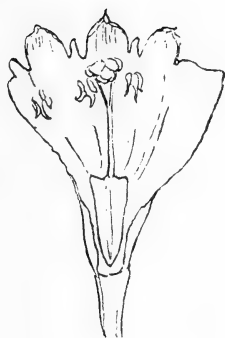
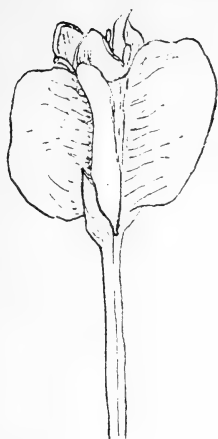
E. T. Bowma

PILEA WIGHTII Wedd.



*B. Nafsan*POUZOLZIA BENNETTIANA *Wt.*

*D. R. Fyson*DROGUETIA DIFFUSA *Wedd*

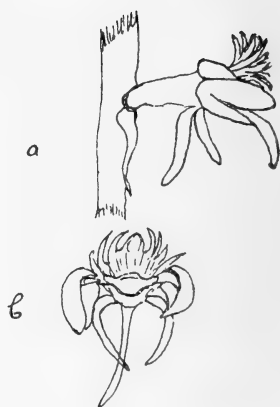


E.T. Bourne

BURMANNIA CANDIDA Griff.



E. T. Bourne



MICROSTYLIS VERSICOLOR Wt.



R. Nateson

ERIA BRACCATA Lindl



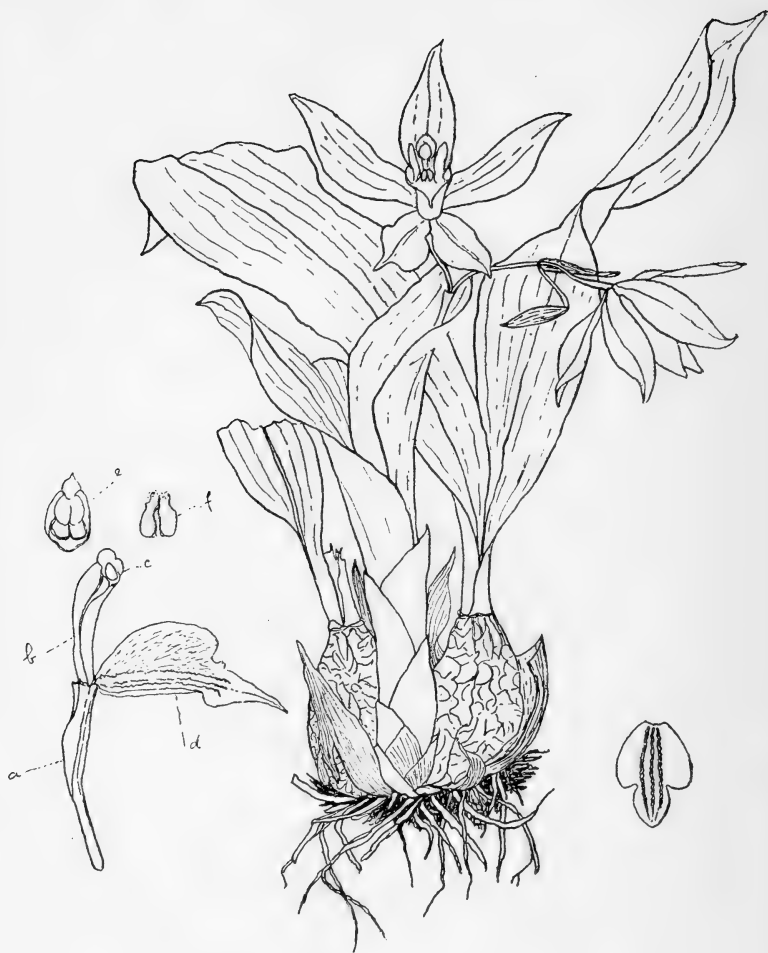
E. T. Borneo.

ERIA NANA A. Rich.

α



CÆLOGYNE ODORATISSIMA LINDL



E. T. Bourne.

CŒLOGYNE NERVOSA Rich.



R. Natesan

CÆLOGYNE MOSSIÆ

Rolfe

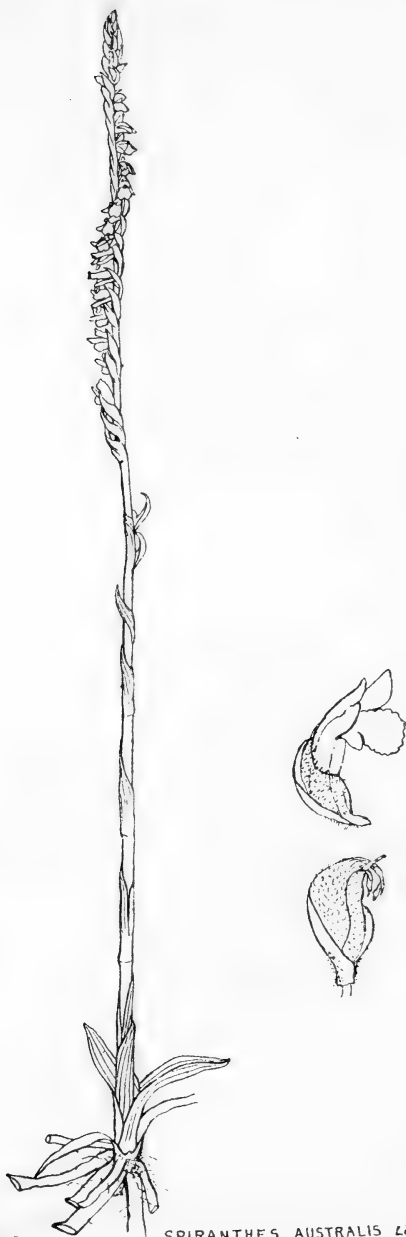
*ÆRIDES CRISPUM* Lindl.



M. F. Harrison

AERIDES RADICOSUM A. Rich.



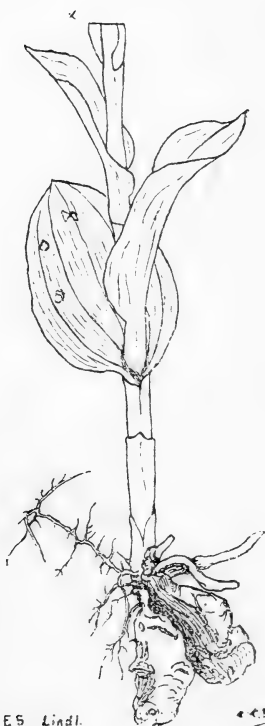


R. Natesan

SPIRANTHES AUSTRALIS Lindl.

C. T. Boume.

HABENARIA FOLIOSA A. Rich.



HABENARIA CEPHALOTES Lindl.

W. G. Brown.

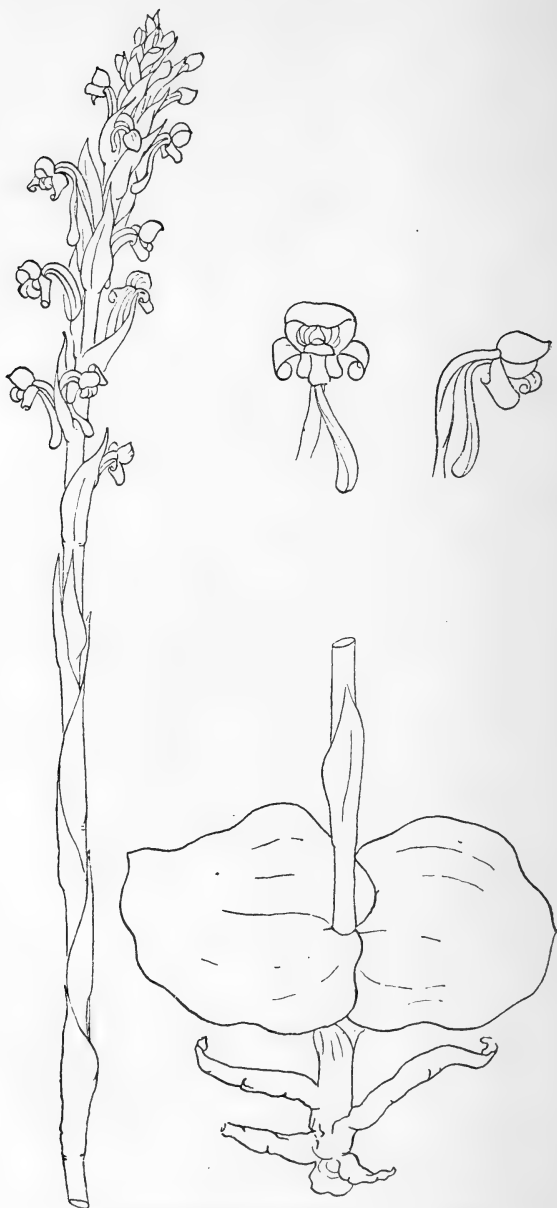


HABENARIA LONGICALCARATA A. Rich.



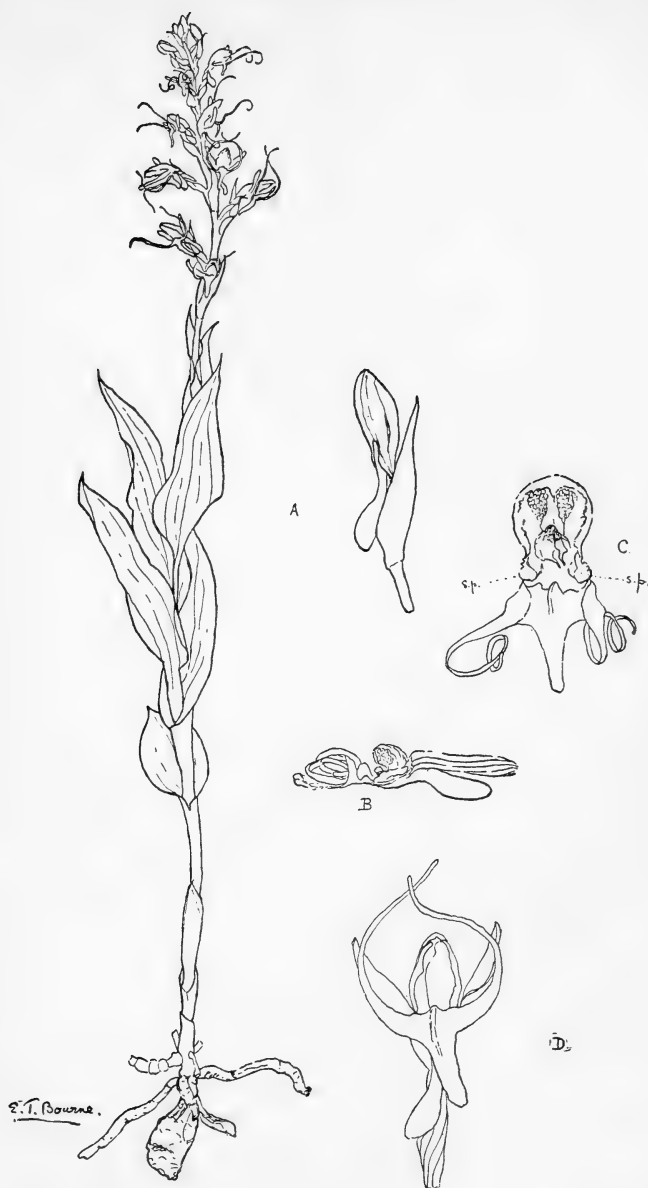
E. T. Crounse.

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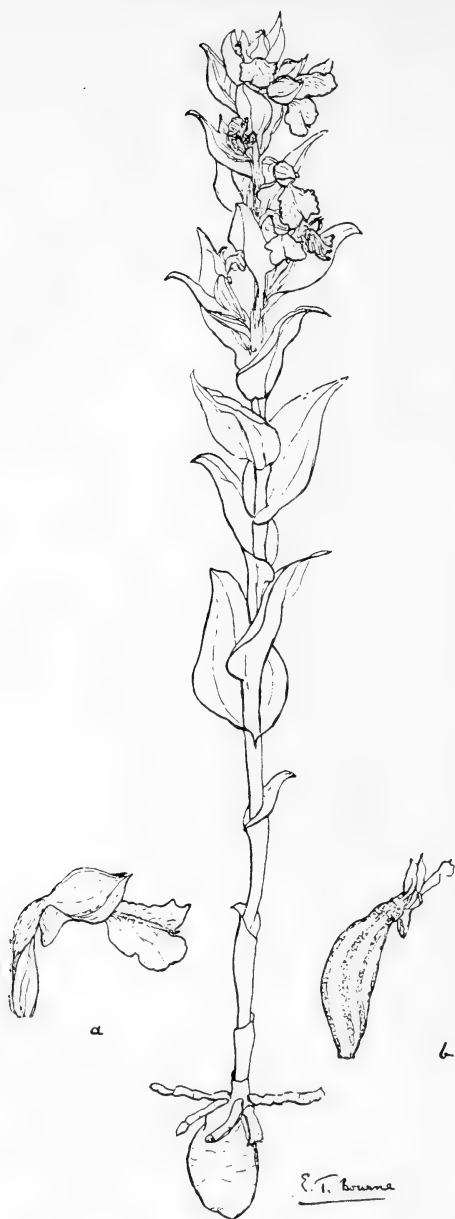


H. F. Hamilton

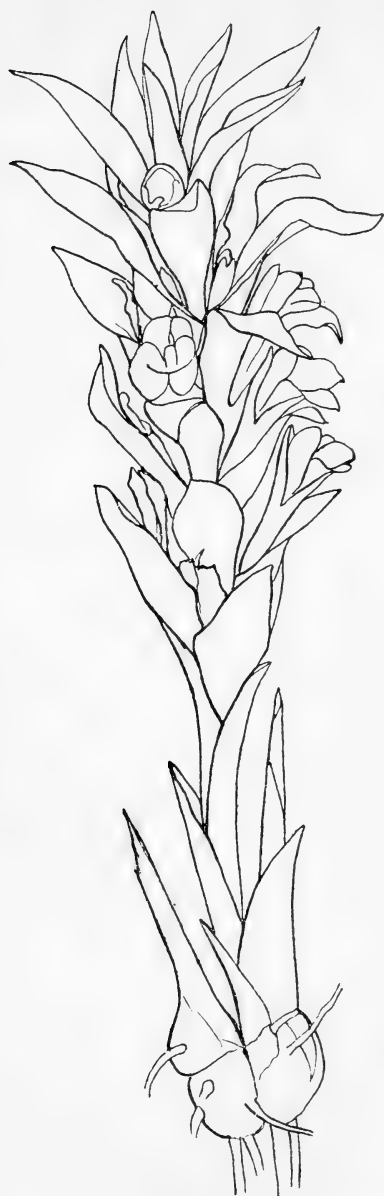
HABENARIA CRASSIFOLIA A. Rich.



HABENARIA BICORNUTA Hook. f.

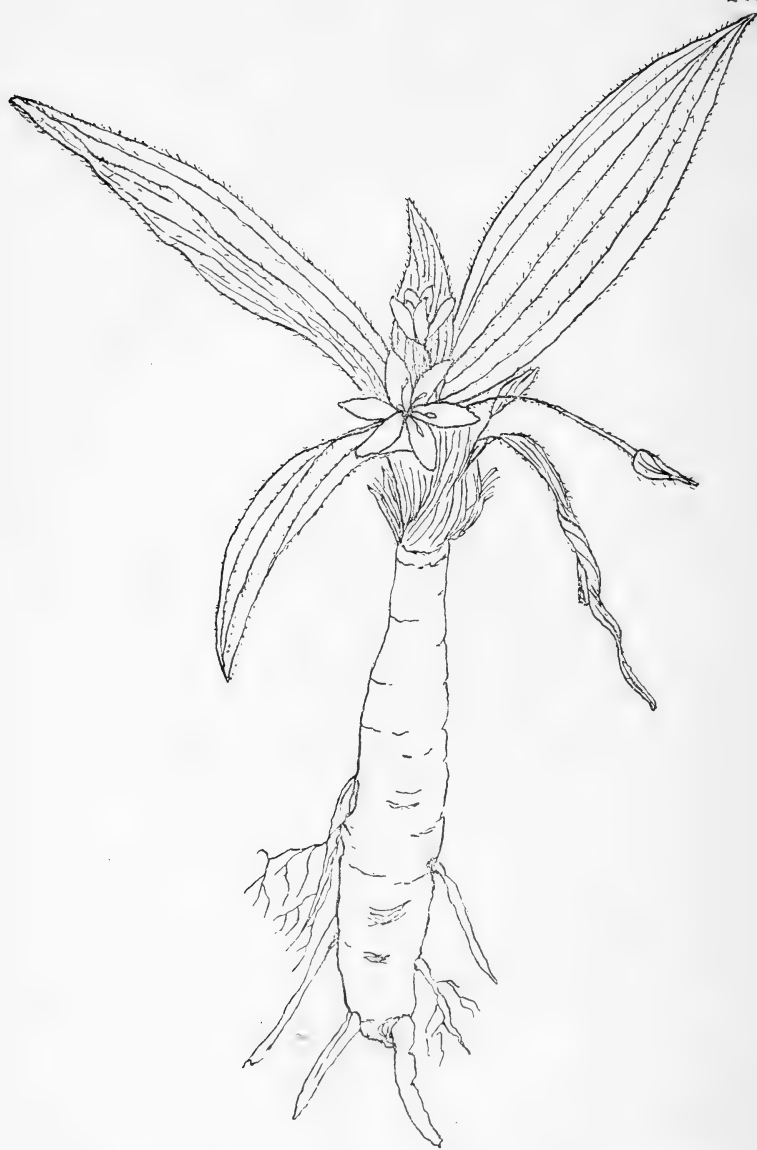


HABENARIA OBCORDATA.



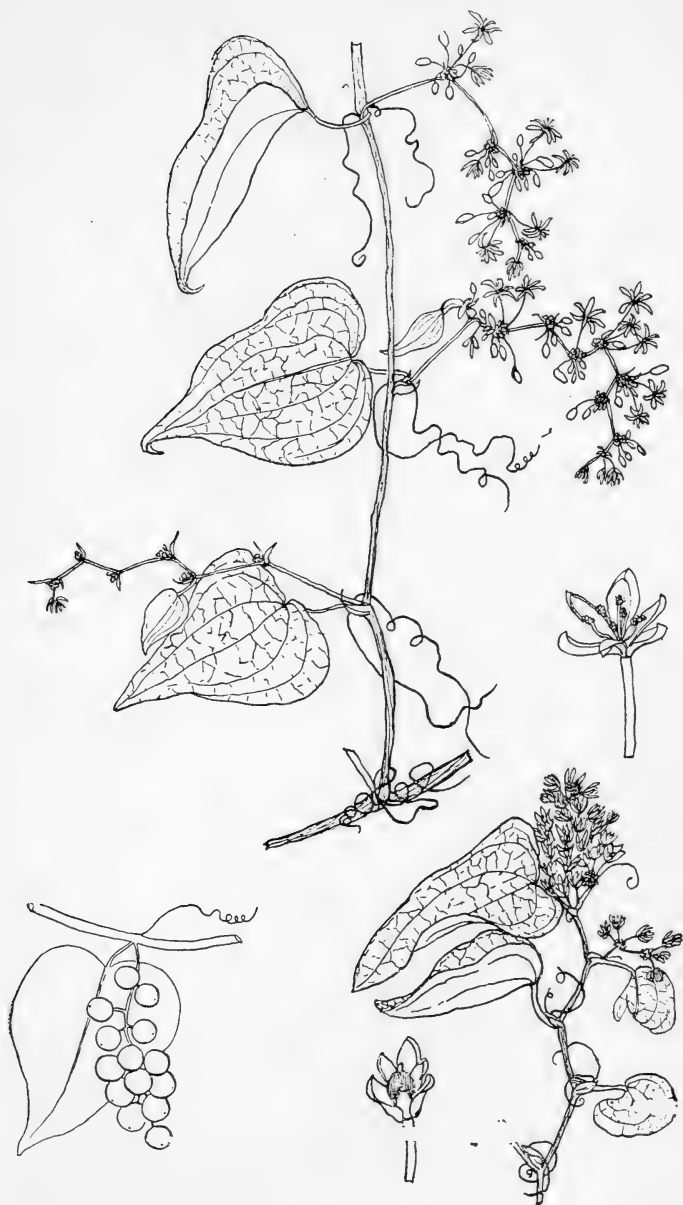
R. Nateson

CURCUMA NEILGHERRENSIS Wt.



CURCULIGO ORCHIOIDES Gaertn.

E. T. Bourne.



ET Bourné

SMILAX ASPERA L

*R. Nateson*

ASPARAGUS SUBULATUS Steudel



R. Natesan

CHLOROPHYTUM MALABARICUM Baker



DISPORUM

LESCHENAUTIANUM Don



L.T. Bourse.

XYRIS SCHÆNOIDES Mart.



COMMELINA CŒLESTIS Willd



D.R. Fyson

ANEILEMA PULNEYENSIS Fyson

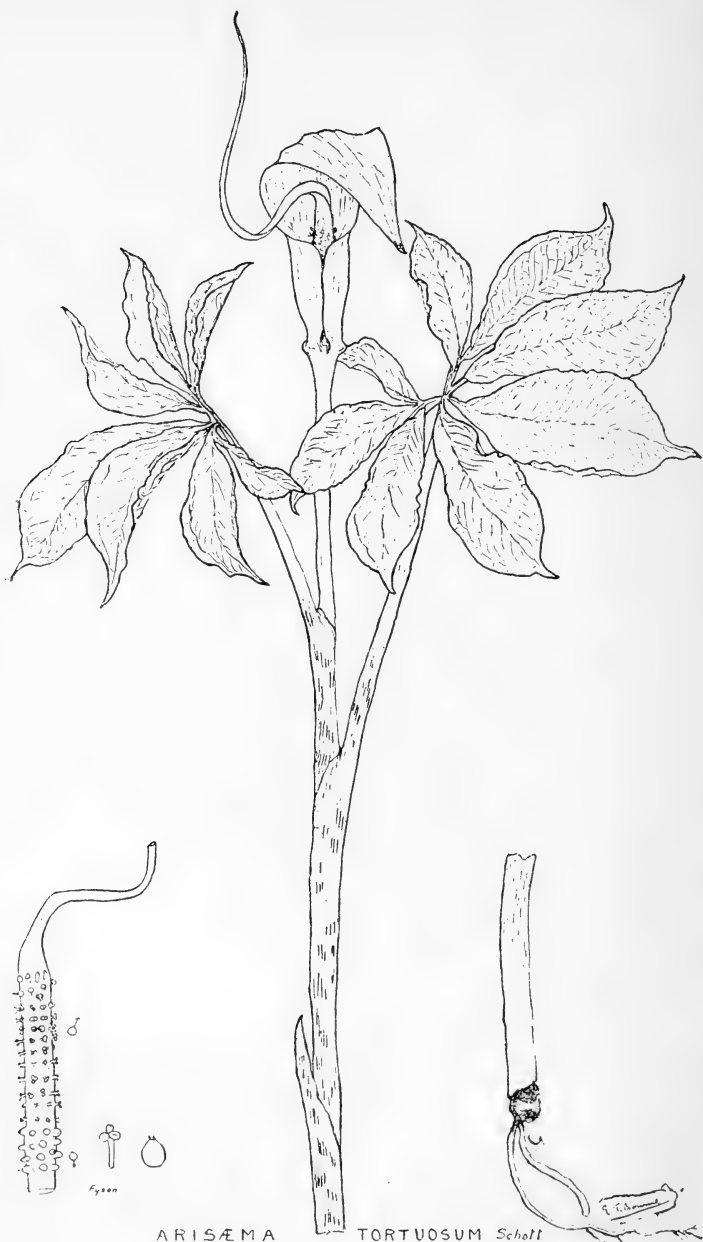


CYANOTIS ARACHNOIDEA Clarke



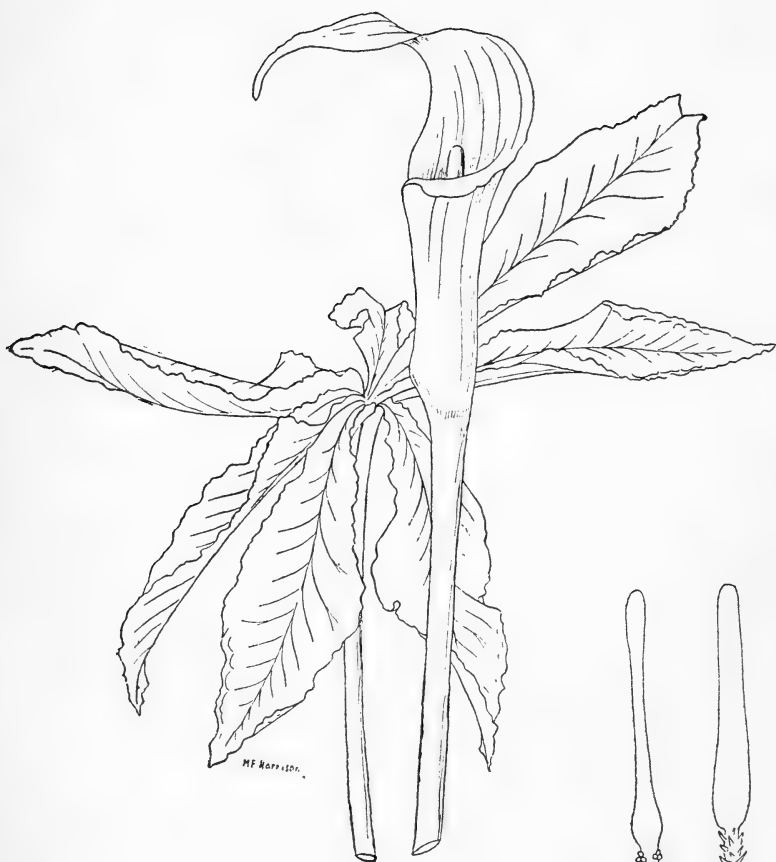
R. Natesan

JUNCUS PRISMATOCARPUS BF

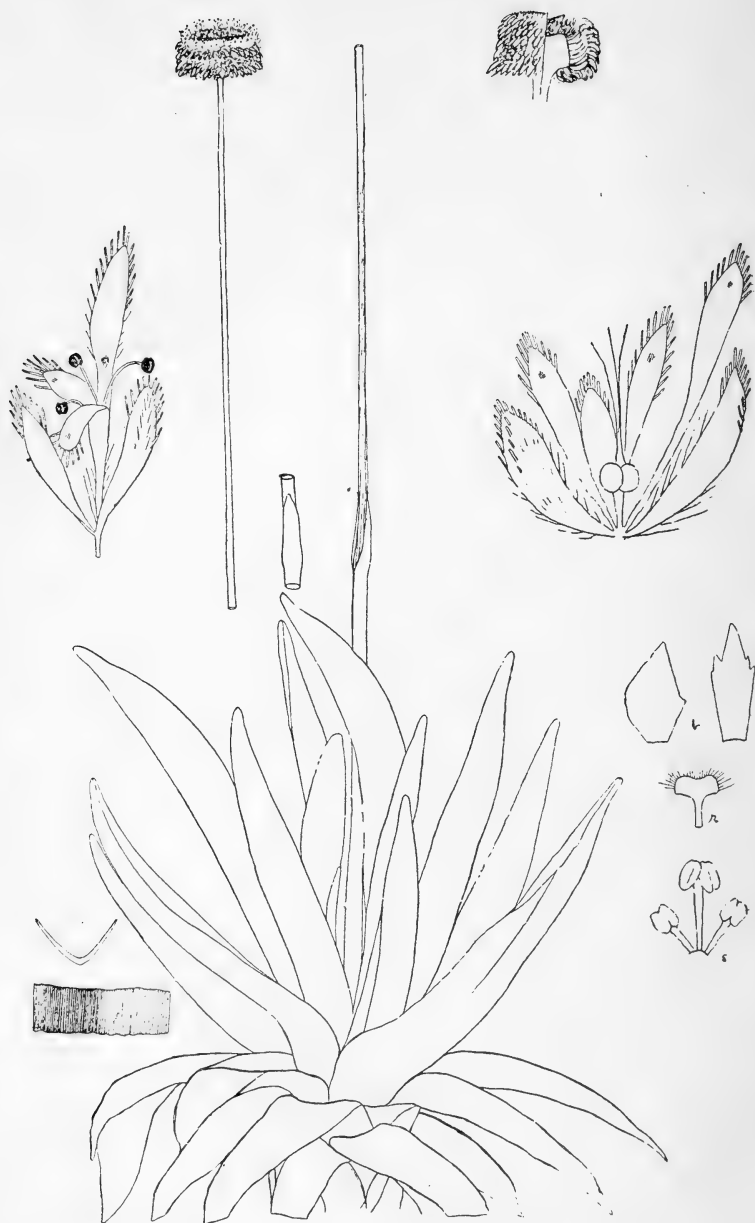


ARISÆMA

TORTUOSUM Schott



ARISÆMA LESCHENAULTII Bl.

*R Natesan*

ERIOCAULON ROBUSTUM

Steud



D.R. Fyson

ERIOCAULON

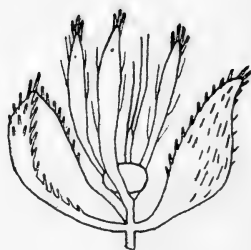
NILAGIRENSES

Steud.

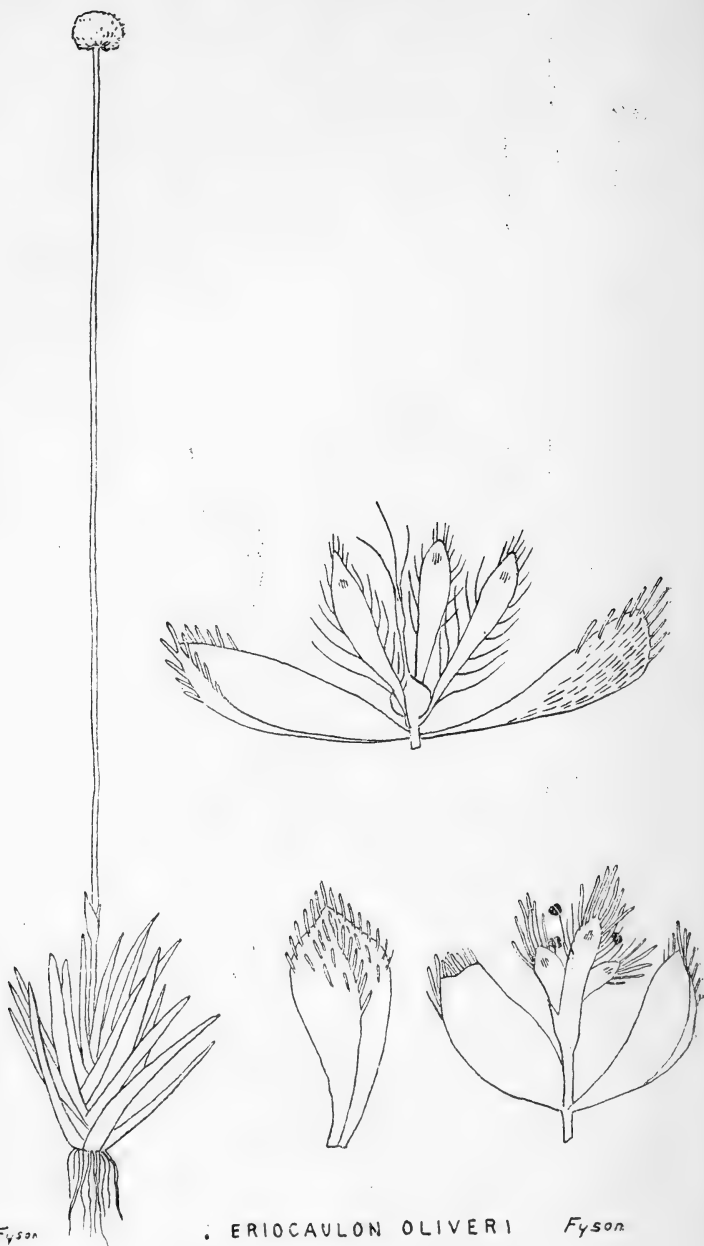
*D.R. Fyson*ERIOCAULON COLLINUM *Hook.*



D. R. Fyson



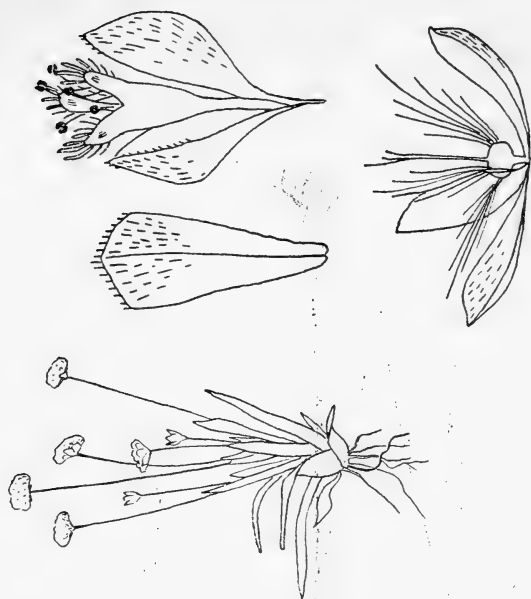
ERIOCAULON CHRISTOPHERI *Fyson*



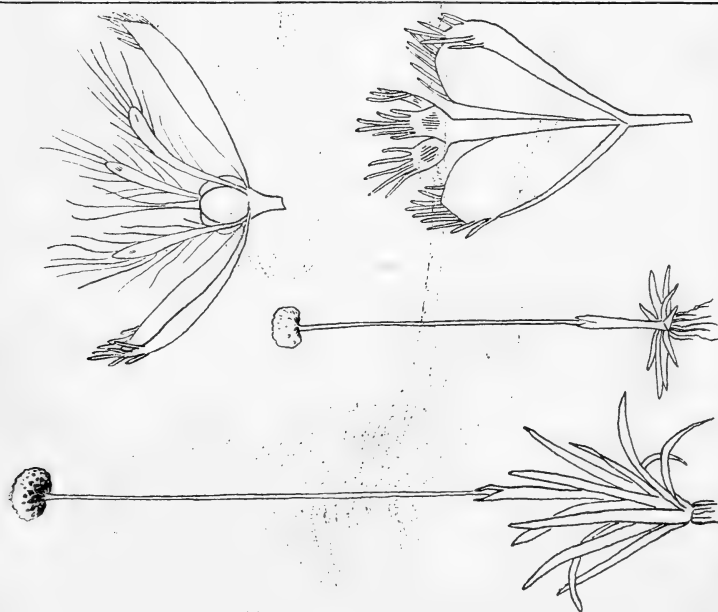
D.R. Fyson

. ERIOCAULON OLIVERI

Fyson



ERIOCAULON MARIE Fyson



ERIOCAULON GEOFFREYI Fyson

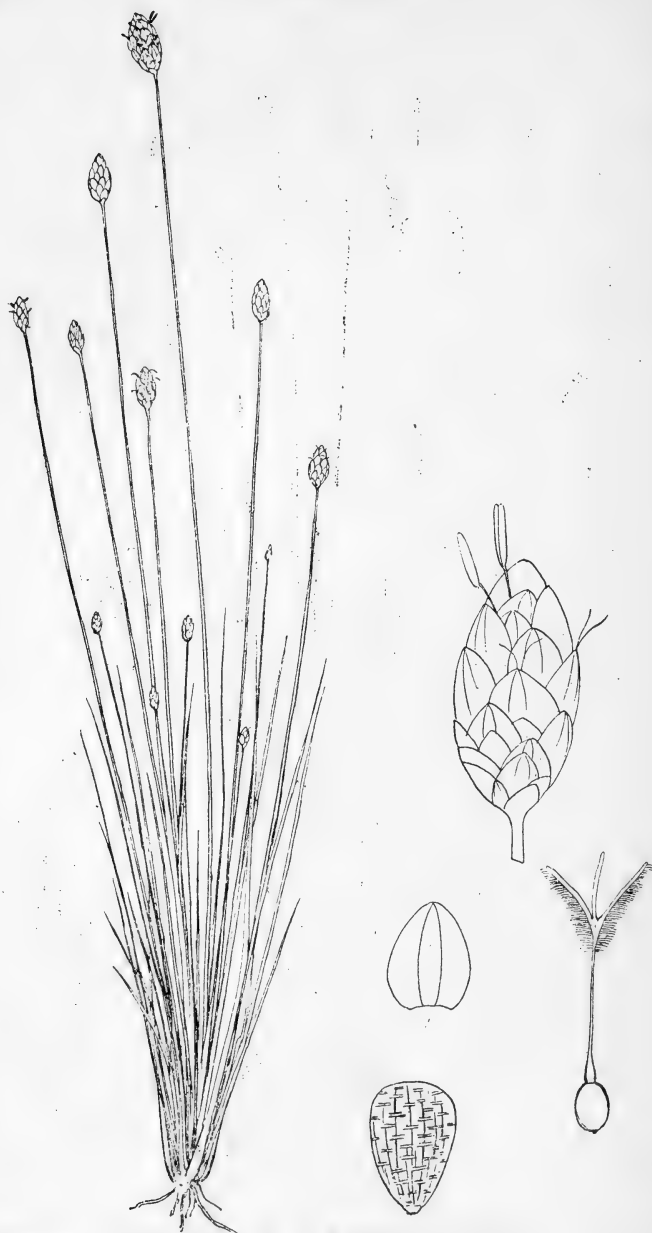
D. R. Fyson



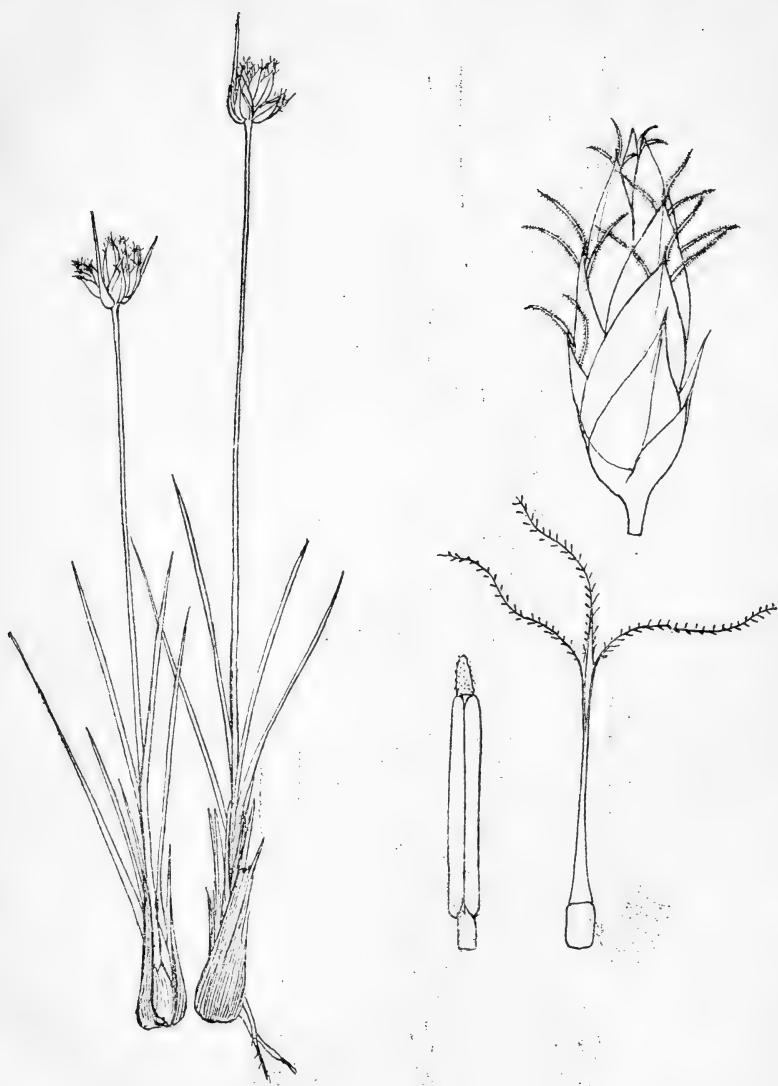
R. Natesan. KYLLINGIA MELANOSPERMA *Nees.*

*R. Natesan*

ELEOCHARIS CONGESTA Don

*R. Nateson*

FIMBRISTYLIS SUBTRABECULATA

*R. Natesan*FIMBRISTYLIS ULIGINOSA *Steud.*



SCIRPUS ARTICULATUS Linn.



R. Nafeson

CAREX NUBIGENA Don

*A. Nafes an*

ARUNDINELLA VILLOSA Arn.

*R. Natesan*

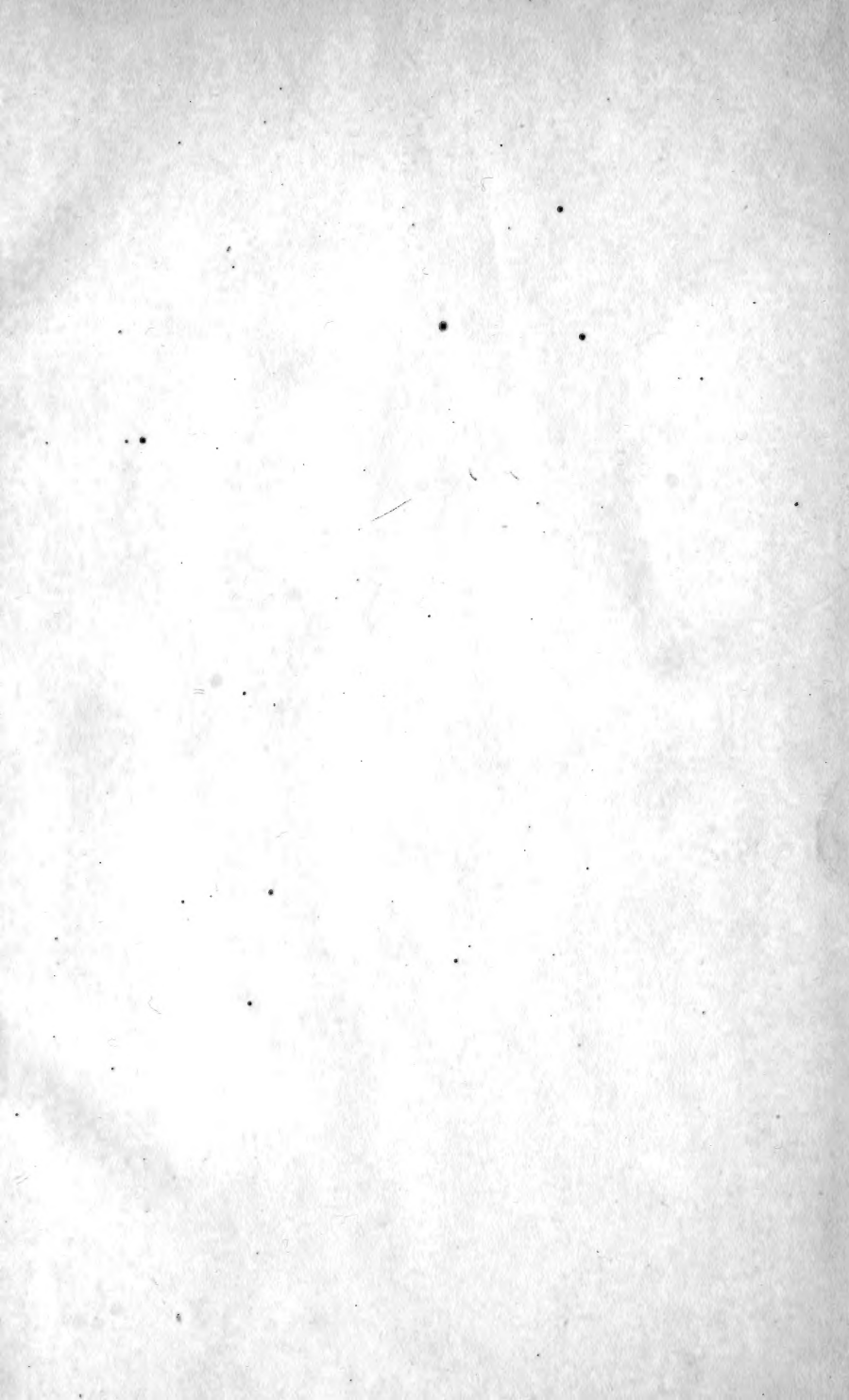
POLLINIA PHÆOTHRIX Hack.



R. Nafsan

ANDROPOGON FOULKESII Hook f





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Fyson, P. F./The flora of the Nilgiri an

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